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BOOK FOR FLORISTS

Autumn

1940

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House of Vaughan's Lilium Giganteum

Vaughan's Seed Store

CHICAGO • NEW YORK

Profits in Tulips This Year

DON'T let increased prices deter you from growing tulips for your usual market this year. Remember, not a third of the number of tulips usually forced by florists of this country can be grown this winter. War has cut down the supply.

Bulbs may cost double the normal amount, but growing costs will be no greater, and final cost of your plants probably not over a quarter more than usual. The market will be three times as large. This should lift your selling price higher than your increased cost.

At the same time, remember that with a two-thirds reduction in supply of bulbous flowers next spring, there will be a substantially increased demand for other plants, and see that you have them to sell. You will find many suggestions in the pages that follow.

Oregon and Washington have again established minimum prices on narcissus bulbs, which maintains the same price level on top size northwestern grown stock, the only grade on which prices are quoted in this catalog. Bulbs from other sections may be offered at less, but not by us.

A Beautiful, Practical, Paper White Display

Paper White Display Box, 10x20 inches, holding 100 Cellophane Bags

Vaughan's Paper White Display Box as Illustrated, together with	
100 Cellophane Bags, each holding 3 bulbs, 13-14 ctm., (300 bulbs)	$ 6.00
100 Cellophane Bags, each holding 3 bulbs, 14-15 ctm., (300 bulbs)	8.00
100 Cellophane Bags, each holding 3 bulbs, 15-16 ctm., (300 bulbs)	10.00

EVERY customer who enters your store is a prospect for a sale of Paper White narcissus bulbs. Here is a carefully designed, thoroughly tested method of displaying and selling them at a minimum of trouble and expense and the maximum of profit.

Florists cannot afford to sell inferior bulbs. Vaughan's bulbs of 13-14 ctm. circumference and up are of flowering size and highest quality. Three bulbs are enclosed in a cellophane bag which permits complete inspection, but prevents picking over of the individual bulbs, injurious handling and resultant waste. Every bulb we ship you can be sold at a profit.

Our Paper White display box, specially reinforced, decorated in black, red and green, will harmonize with your store display and sell its contents. It occupies 10 by 20 inches space, and one filling provides $13 to $20 sales at 100% profit. Why let chain stores get sales which should be yours?

BUYERS: Give this Check List the "Once Over" When Ordering

This is a list of items most commonly used and needed by Greenhouse operators during the catalog months of the year. A glance at the list will probably recall any needs you might have forgotten which would inconvenience you later. It will also be a suggestion aid as to the possibilities of filling any empty benches. Included are a few hints regarding varieties, time of blooming, and culture. All items are listed in our "Books for Florists," but this will give you a quick check for busy months. We are planning to print improvements on this in each book if it is of any value to you. We would appreciate hearing your ideas. Better keep this for references until the next issue.

ITEMS TO START IN AUGUST

FLOWER SEEDS

Antirrhinum (for cutting)
Aloe Variegata (pot plant)
Asters (see culture)
Begonia pots and combinations
Bellis Spring bedding plants
Browallia (for cutting)
Calceolaria pots and combinations
Calendula (for cutting)
Centaurea Cyanus (for cutting)
Cineraria pots and combinations
Clarkia (for cutting)
Cyclamen
Delphinium (outside for Spring plants)
Didiscus Coeruleus Improved
Exacum Affine (pot plant)
Leptosyne (for cutting)
Lupinus Hartwegi (for cutting)
Marigolds (for cutting)
Mignonette (for cutting)
Myosotis both greenhouse cutting and spring plant varieties
Nasturtiums (for cutting)
Nemesia (cutting and combinations)
Pansy both greenhouse cutting and spring plant varieties
Primula Malacoides Baby primrose for pots and combinations

FLOWER SEEDS—Continued

Schizanthus (pots, combinations, cutting)
Statice Suworowii (cutting)
Sweet Peas (Early)
Venidium (cutting)
Viola (B) (Spring plants)

LAWN SEED

PERFUME

SUPPLIES

Aluminum Phosphate
Bamboo Stakes
Bone & Blood
Lethane
Loma
Pot Labels
Red Arrow
Rotogreen
Sheep Manure
Soil Shredder
Sphagnum Moss
Super Phosphate
Volk

BULBS

Freesias
Lilium Giganteum
Valley Pips

Planted in August	Benching	Blooming	Culture
Antirrhinum	Oct.	Feb.-April	Pinch Oct. 1 to 3 or 4 sets of leaves.
Asters	Oct.	March-April	Lighted.
Calceolaria	Oct.	Mothers Day	
Calendulas	Oct.	Feb.-March	42°-45° Pinch.
Calendulas	Oct.	Dec.-Feb.	48°-50°.
Cineraria	Oct.	Feb.-March	Do not pinch.
Cyclamen	Aug.	Nov.-Feb.	55°-60° for germination.
Didiscus	Oct. 1	Feb.-April	Do not pinch. Grow cool.
Leptosyne	Oct.	Jan.-May	Lighted.
Marigolds (Winter flwg.)	Sept. 15	Nov.-Jan.	
Mignonette	Oct.	Dec.-March	Do not pinch. Disbud. Grow cool.
Nemesia	Oct.	Oct.-Feb.	Poor soil. Dry side.
Pansies	Nov. 1	Dec.-March	Lighted.
Primula Malacoides	Oct.	March & later	
Schizanthus	Oct.	Christmas	Pinch until Oct. 15.
Statice	Dec.	Feb.	
Stocks	Oct.	Jan.15-Feb.15	Grow below 50° for setting buds.
Stocks	Oct. 15	Jan. 20 on	Lighted Grow below 50° for setting buds.
Sweet Peas	Aug.	Dec.	Run rows N. & S. for winter bloom. Use sterilized soil low nitrogen. Avoid watering in dark weather to prevent buds dropping. Suggest furrows between rows for irrigation to avoid getting water on plants and fertilizing.
Freesia (bulbs)	Aug.	Dec.-Jan.	
Lilium Giganteum	Aug. 1	Oct.25-Nov.10	Start 50° until 4 in. Grow 70°-80°.
Lilium Giganteum	Aug. 15	Nov.10-30	Start 50° until 4 in. Grow 70°-80°.

ITEMS TO START IN SEPTEMBER

FLOWER SEEDS

Aloe Variegata (pot plant)
Antirrhinum
Begonia
Browallia (for cutting)
Calceolaria
Calendula (for cutting)
Centaurea Cyanus (for cutting)
Chrysanthemum (A) (for cutting)
Cineraria
Clarkia (for cutting)
Cynoglossum (Chinese Forget-me-not)
Didiscus Coeruleus Imp. (for cutting)
Dimorphotheca (for cutting)
Godetia (for cutting)
Gypsophila (A) (for cutting)
Larkspur (A) (for cutting)
Leptosyne (for cutting)
Lupinus (A) (for cutting)
Marigolds (for cutting)
Matricaria (Feverfew) (see culture)
Mignonette (for cutting)
Nemesia
Pansy
Primula Malacoides (Baby Primrose)
Salpiglossis (for cutting)
Schizanthus
Stocks
Sweet Peas (Early)
Vinca Rosea (plants)

BULBS

Anemone
Calla Elliotiana
Callas Aetheopica
Crocus
Display Paper Whites
Display Tulips
Freesias
Hyacinths
Iris
Ixias
Lilium Creole
Lilium Giganteum
Lilium Harrisii
Muscari
Narcissus
Paper Whites
Ranunculus
Scillas
Snowdrops
Soleil D'or
Tulips

GREENHOUSE

Azaleas
Cinerarias 2¼"
Lantana R.C.
Polyantha Roses
Primula Ericksoni 2¼"

PERFUME

SUPPLIES

Bone & Blood
Loma
Magic Pot Covers
Peat Moss
Raffia
Rotogreen
Ruscus
Super Phosphate

Planted in Sept.	Benching	Blooming	Culture
Antirrhinum	Nov. 1	May-June	Pinch back to 3 or 4 sets of leaves.
Calendulas	Oct.	Feb.-March	42°-45° Pinch.
Calendulas	Oct.	Dec.-Feb.	48°-50° Pinch.
Centaurea Cyanus	Nov. 15	Mar.15-later	Lighted.
Chrysanthemums (A)	Nov. 1	March 1 later	Lighted.
Chrysanthemums (A)	Nov. 15	April 15 on	Lighted.
Cineraria	Sept.	April-May	Do not pinch.
Cynoglossum		March-April	Shallow bench 45°.
Didiscus	Nov. 15	April-May	Lighted.
Godetia	Oct. 15	Jan.	Shallow bench, one pinch.
Leptosyne	Nov. 1	Feb.-May	Lighted.
Lupinus	Sept. 10	Jan.-Feb.	
Marigolds	Sept. 20	Oct.-Nov.	Restricted container, dry side. Do not pinch.
Matricaria	Nov. 15	April-May	Lighted.
Mignonette	Nov.	Jan.15-April	Do not pinch, Disbud. Sow several seeds 2" pot
Nemesia	Oct.	Feb.	Medium heavy poor soil
Pansies	Nov. 1	Dec.-March	Lighted.
Schizanthus	Nov.	Jan.-Feb.	One pinch
Stocks	Oct. 22	Feb. 1	
Stocks	Oct. 15	Jan. 20 on	Lighted.
Sweet Peas	Sept.	Dec.-March	See August Culture
Lantana cuttings	Sept.	May	Pinch Jan. or Feb.
Marguerites (Chry. Frutescenes)	Nov.-Dec.	Feb.-June	One pinch.
Freesia bulbs	Sept.	Jan.-Feb.	
Anemones Bulbs	Sept.	Jan.-March	
Ixias	Sept.	Feb. & later	
Lilium Giganteum C.S.	Sept. 1	Dec. 1-15	Start 50° until 4 in. Grow 70°-85°.
Lilium Giganteum C.S.	Sept. 15	Dec. 15-30	Start 50° until 4 in. Grow 70°-85°.
Lilium Creole (New Crop)	Sept. 21	Nov.25-Dec.15	Given plenty of space can grow cool 50°-70°.
Hardy Lilies	See January Culture.		

ITEMS TO START IN OCTOBER

FLOWER SEEDS

Antirrhinum
Begonia
Calendula
Candytuft (for cutting)
Centaurea Cyanus
Chrysanthemum (A) (for cutting)
Cineraria
Clarkia (for cutting)
Didiscus Coeruleus Imp. (for cutting)
Gypsophila (A)
Larkspur (A)
Lilium Formosanum Gt. Pure White
Lupinus (A) (for cutting)
Matricaria (Feverfew)
Nemesia (cutting and combinations)
Salpiglossis (cutting)
Schizanthus
Shamrock
Statice Suworowii
Stocks
Sweet Peas (Intermediate and Early strains)
Torenia (plants)
Vinca Rosea (plants)
Wallflower Dbl. Early Wonder (B)

BULBS

Anemone
Calla Lilies
Candidum Lily
Crocus
Freesias
Hardy Lilies
Hyacinths
Iris
Leucocoryne
Lilium Creole (Exceptionally good for early cut Lilies)

BULBS—Continued

Lilium Croft Best Easter Pot Lily handle like Giganteum; larger, purer white flowers with more substance.
Lilium Erabu
Lilium Giganteum
Lilium Harrisii
Muscari (Grown in Flats for cut)
Narcissus
Ornitholgalum Arabicum
Paper Whites
Ranunculus
Scillas
Snowdrops
Spireas
Tulips
Valley Pips

GREENHOUSE

Ageratum R.C.
Azaleas
Boston Yellow Daisy R.C.
Hydrangeas
Geraniums 2¼" or R. C.
Primula 2¼"

NURSERY

Polyantha Roses for Easter

SUPPLIES

Loma
Magic Pot Covers
Rotogreen

PERFUME

Planted in October	Benching	Blooming	Culture
Calendulas	Dec. 1	March & later	42°-45° Pinch.
Chrysanthemums (A)	Dec. 1	April-June	Pinch Dec. 20.
Lilium Formosanum (Giant Pure White)		July-Sept.	Pot seedlings in 2¼ in. pots when large enough to handle and plant out in May.
Statice Suworowii		Feb.-May	Shallow light soil 45°.
Stocks	Dec. 1	April on	40°-45°.
Sweet Peas	Oct.	Feb.-May	See August culture.
Wedgewood Iris	Late Oct.	Jan.-Feb.	Use precooled bulbs for late Dec. bloom'g.
Imperator Iris	Late Oct.	Feb.-March	
Leucocoryne	Oct.	Dec.-Feb.	48°-50°.
Lilium Giganteum (New)	Oct. 1	Jan. 1-15	Start 50° until 4 in. Grow 65°-80°.
Lilium Giganteum (New)	Oct. 15	Jan. 15-30	Start 50° until 4 in. Grow 65°-80°.
Lilium Creole (New Crop)	Oct. 1	Dec. 15	Give plenty of space can grow cool 50°-70°.
Hardy Lilies	See January culture.		

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ITEMS TO START IN NOVEMBER

FLOWER SEEDS

Antirrhinum
Begonias pots and combinations
Calendula (cutting)
Candytuft (for cutting)
Chrysanthemum (A)
Clarkia (for cutting)
Cuphea (plants)
Didiscus Coeruleus Imp. (for cutting)
Gypsophila Elegans Grandiflora
Larkspur (A) (cutting)
Lilium Formosanum
Lupinus (A) (for cutting)
Matricaria
Petunia All Double (Sow now for Mother's Day, 4-5" pots)
Salpiglossis (cutting)
Schizanthus
Shamrock
Statice Russian
Stocks
Sweet Peas (Intermediates and Early Spencers)
Torenia (plants)
Vinca Rosea (plants)

GREENHOUSE

Azaleas
Calceolaria 2¼"
Fuschia 2¼"
Geraniums 2¼" or R. C.
Hydrangeas
Lantana 2¼"

BULBS

Crocus
Hardy Lilies

BULBS—Continued

Hyacinths
Lilium Creole (Exceptionally good for early cut Lilies)
Lilium Croft Best Easter Pot Lily, handle like Giganteum; larger, purer white flowers with more substance
Lilium Erabu
Lilium Giganteum
Muscari (for cut or pots)
Narcissus
Ornitholgalum Aureum
Ornitholgalum Arabicum
Paper Whites
Scillas
Snowdrops
Tulips
Valley Pips

SUPPLIES

Bamboo Stakes
Bouquet Green
Chip Mats
Crepe Paper
Ducky Pot Tie
Magic Pot Covers
Napthalene
Nitrosphoska
Sulphate of Iron
Tinsel Ribbon

NURSERY

Polyanthus Roses

PERFUME

Planted in November	Benching	Blooming	Culture
Antirrhinum	Jan. 15	March-June	Pinch Jan. 1 to 3 or 4 sets of leaves.
Calendulas	Jan.	April-May	42°-45° Pinch.
Gypsophila	Dec. 1	March	Lighted.
Larkspur	Jan.	April-May	
Lilium Formosanum			See October Culture.
Stocks	Jan.	April-May	Grow below 50°.
Sweet Peas	Nov.	March-May	See August Culture.
Lilium Giganteum N.C.		Easter	Start 50° until 4 in. Grow 65°-75°.
Lilium Creole	Nov.	Jan.-Feb.	Give plenty of space can grow cool 50°-70°.
Polyanthus Roses		Easter	Pot 15 weeks before Easter for grow'g at 60°.
Polyanthus Roses		Mother's Day	Pot 13 weeks before Mother's Day for growing at 60°. (Buds should show 6 weeks before and color 2 weeks before, date wanted).
Lilium Erabu New Crop	Nov. 1	Feb. 1-15	
Lilium Erabu New Crop	Nov. 15	Feb. 15-28	

ITEMS TO START IN DECEMBER

FLOWER SEEDS

Ageratum
Aloe Variegata (for pots)
Asters (for Greenhouse forcing)
Begonias (for spring plants)
Calendula
Candytuft (for cutting)
Centaurea Cyanus
Chrysanthemum (A) (for cutting)
Clarkia (for cutting)
Coleus (pot plant)
Dahlia Unwins (for pots)
Gloxinia (pot plant)
Godetia (for cutting)
Gypsophila (for cutting)
Heliotrope (for pots)
Larkspur (A) (for cutting)
Marigolds (for cutting)
Matricaria (Feverfew)
Nemesia (for cutting and combinations)
Petunia All Double
Phlox (Dwarf sorts for combinations)
Salpiglossis (for cutting)
Scabiosa
Stocks
Sweet Peas (Intermediates & Early Spencers)
Torenia (plants)
Verbena
Venidium (for cutting)
Vinca Rosea (plants)

NURSERY

Polyanthus Roses

GREENHOUSE

Azaleas
Ageratum R.C.
Buddlea 2¼"
Geraniums 2¼" or R. C.

SUPPLIES

Holly
Holly Wreaths
Prepared Wreaths
Ruscus
Statice
Thermometers

BULBS

Amaryllis
Chinese Paper Whites
Hardy Lilies
Lilium Creole
Lilium Erabu
Lilium Giganteum
Paper Whites
Soleil D'Or.
Valley Pips

PERFUME

Planted in December	Benching	Blooming	Culture
Asters Queen Market	Feb. 1	April-May	Lighted Dec. 10 to flowering.
Asters Royal, Crego and American Branching	Feb. 1	May-June	Lighted Dec. 10 to flowering.
Calendula	Feb. 1	April-May	Pinched Feb. 15th.
Candytuft	Flatted late Jan.	May-June	Use poor soil, keep on dry side.
Centaurea Cyanus	Feb.	April & later	
Chrysanthemum (A)	Feb. 1	May-July	Pinched Feb. 15th.
Clarkia	Flatted late Jan.	May	Use poor soil, keep on dry side.
Feverfew (Matricaria)	Feb.	May-June	
Gloxinia (Seed)	Dec.-Jan.	August	60°-65°. Grow in shade.
Godetia	Flatted late Jan.	June	Use poor soil, keep on dry side.
Nemesia	Flatted late Jan.	May	Use poor soil, keep on dry side.
Phlox	Dec.	February on.	
Salpiglossis	Feb.	May-June	One pinch.
Scabiosa	Feb.	June	
Stocks	Feb. 1-15	Mother's Day	
Sweet Peas	Dec.	March-May	See August culture.
Venidium	Feb. 25	March-May	
Gladiolus	Dec. 15	May	Plant var. with primulinus blood as they do not come blind with early planting.
Lilium Creole	Benching Dec.	Blooming March-April	Culture. Give plenty space can grow cool 50°-70°.
Lilium Giganteum N.C.	Dec. 1-15	For late Easter	Start 50° until 4 in. Grow 65°-75°.
Lilium Erabu	Dec. 1	March 1-15.	
Lilium Erabu	Dec. 15		
Lilium Regale	Dec. 1	Feb.	50° for ten days then 60°.
Lilium Rubrum	Dec.	April-May.	
Lilium Album	Dec.	April-May	
Lilium Tigrinum	Dec.	April-May	
Lilium Auratum	Dec.	March-April	
Polyanthus Roses		Easter	See November Culture.
Polyanthus Roses		Mother's Day	See November Culture.

ITEMS TO START IN JANUARY

FLOWER SEEDS

Acroclinium (for cutting)
Agathea (for cutting)
Ageratum
Aloe Variegata (for pot culture)
Antirrhinum (for cutting)
Asparagus Sprengeri
Plumosus Nanus
Balsam (Bush var.) (for pot culture)
Begonias
Browallia (for pot culture)
Calendulas (for cutting)
Candytuft (for cutting)
Campanula (Annual, for pot culture)
Carnation (Annual, for plants)
Centaurea Candidissima (Dusty Miller)
Gymnocarpa (Dusty Miller)
Cyanus (for cutting)
Chrysanthemum (Annual)
Cineraria Maritima (Dusty Miller)
Clarkia (for cutting)
Cobaea Scandens
Coleus Glory
Cuphea (for plants)
Cynoglossum (for cutting)
Dahlias Unwin (fine pot plants) (plant tubers for Mother's Day)
Daisy Bellis (B)
Dracaena Indivisa (for pot plants)
Exacum (for pot culture)
Gloxinia
Gypsophila (Annual)
Impatiens (Fine for Shade)
Kalanchoe (for pot plants)
Larkspur (Annual, for cutting)
Leptosyne (for cutting)
Linaria (for combination)
Lobelias
Lupins (Annual)
Marigolds Dwarf (for combination)
Matricaria Golden Ball Pots and Bedding
Mimulus (for pot culture)
Nemesia (for combination)
Nierembergia Hippomanica (for pot culture)
Pansies Super Maple Leaf Giants Mixed Largest Super Swiss Giants (color range, size, earliness)
Pennisetum (Ornamental Grass)
Petunias
Phlox (Vaughan's Beauty Strain) (Combinations)
Salpiglossis (for cutting)
Salvia
Schizanthus (Vaughan's Masterpiece)
Smilax
Solanum (Xmas Cherry or Pepper)

FLOWER SEEDS—Continued

Stocks Column and Branching
Strawberries (Baron Solemacher)
Sweet Peas (Early Spencer and Intermediate)
Torenia Geffion (for pot culture)
Verbena Dwarf (for combinations)
Vinca Rosea (plants)

GREENHOUSE

Azaleas
Ageratum R.C.
Carnation R.C.
Geraniums 2¼" or R. C.
Hydrangea R.C.
Cyclamen Seedlings
Fancy Leaved Caladiums
Lantana 2¼"

BULBS

Amaryllis
Begonias (Tuberous Rooted)
Gladiolus
Gloxinias (Tuberous Rooted)
Hardy Lilies
Lilium Erabu
Lilium Giganteum
Tuberoses
Valley Pips

PERFUME

For Valentine's Day Sales

SUPPLIES

Aluminum Phosphate
Bamboo Stakes
Bone and Blood
Formaldehyde Dust
Handy, Sowrite Seed Model
Hormodin
Horn Shavings
Hose Couplings
Loma
Nikoteen
Paper Pots
Peat Moss
Pot Labels
Rootone
Rotogreen

VEGETABLE SEED

Cabbage
Cauliflower
Celery
Egg Plant
Parsley
Pepper
Radish
Tomatoes

Planted In January	Benching	Blooming	Culture
Agathea	July	Dec.-May	
Antirrhinum	March	April-June	Pinch February 15th.
Begonias (Seed)	Jan.	Aug.-Dec.	
Browallia	March	May-June	
Candytuft & Nemesia	Jan.	May-June	Sow directly in flats, bench.
Centaurea Cyanus	Feb.	April	One pinch.
Chrysanthemums (A)	March 1	May	
Clarkia	Jan.	April-May	Grow 2" or shallow flats. Poor soil.
Gloxinia	Jan.	Aug.-Sept.	Grow under partial shade.
Gypsophila	Jan. & every two weeks	March 15	Sow directly in flat or bench.
Kalanchoe 60°-65°	March	Dec. 1-15	Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M.
Kalanchoe 60°-65°	March	Christmas	Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.
Leptosyne	March 1	April-May	
Lupinus	Jan.	April	
Petunias	Jan.	April-June	
Salvia	Feb.	July-Aug.	Keep bushy.
Solanum	March	Berried Dec.	Pinch March.
Stocks	March	Memorial Day.	Grow below 50°.
Sweet Peas	Jan.	April-June	See August Culture.
Torenia	Feb.	June-July	Pinch March.
Hydrangea (cuttings)	Feb.-April	Easter-June	Do not pinch later than July 1.
Gladiolus	Jan. 15	May	
Lilium Giganteum	Jan. 1	April 15-30	Start 50° until 4 in. Grow 65°-75°.
Lilium Giganteum	Jan. 15	April 25 to May 5	Start 50° until 4 in. Grow 65°-75°.
Lilium Erabu	55°-60°	Better cool grower than Giganteum.	
Lilium Rubrum	Flowers about 5½ months from date of planting.		
Lilium Album	Flowers about 5½ months from date of planting.		
Lilium Tigrinum	Flowers about 5½ months from date of planting.		
Lilium Auratum	Flowers about 5 months from date of planting.		

A Proven Method of Selecting Double-Flowered Stocks in the Seedling Stage

Dr. S. L. Emsweller has recently proved he could select 95% double flowered stocks in the seedlings stage of growth. Every florist who grows stocks knows that the singles bring 50% less in price than the doubles, and in glut markets singles are practically worthless. The importance of Dr. Emsweller's work is obvious and a summary follows.

Last Fall Dr. Emsweller sent stock seedlings that were selections by his method to about 25 various greenhouse growers. Recent reports show that these seedlings ran 94 to 97% all double. Reports and the tests were sponsored by the S.A.F. to prove the method to skeptics, as there have been many claims of success before.

As is well known, there are two types of plants in stocks—double flowering and single flowering. The first is the one desired by the florist and home gardener, but since it sets no seed whatever, it is of no use to the seed grower. The single flowered plants seed profusely and, naturally, are of importance to the seedman. For some time plant geneticists have known that there are three types of single plants. One when self-pollinated produces no doubles, the second produces about 25% doubles; and the third from 54-56% doubles. The third type is called ever-sporting, and **on this type only is it possible to distinguish seedling doubles from seedling singles.** So far it has been impossible to get stocks from seed to come over 54-56% double. Higher percentage of doubleness have often been reported because of the natural tendency to transplant only the largest and strongest seedlings. No method of seed sorting by specific gravity, or by weak germinations has isolated singles from doubles.

The method used to select 94-97% double stocks in the seedling stage is as follows: When the most advance seedlings are about 1 to 3 inches in height, preferable 1 inch, run the growing temperature to 60° minimum for a period of one week. Then start selecting out the extra large seedlings, and in addition to size, a second characteristic, the type of leaf is very useful. It has been found plants that will produce double flowers show a wavy growth on the small new leaves, before this appears on single flowering seedlings. The difference between leaves of the single and double type are shown in the diagram. Eventually all the plants exhibit the same characteristic, but the double plants acquire it earlier in their development, especially at 60° or higher temperatures. By using a combination of these two characteristics—that is selecting large seedlings and those which have wavy center leaves—it has been possible to select plants, 94-97% of which were double. Since a flat of seeds can have only 56% double plants do not select over this 56% out of it. Stopping after you have half of the plants selected out, will give you the best results.

Double **Single**

On Small New Flowers

You may control the height that your Stocks bloom as follows—If you want short plants grow at 60° until double seedlings are selected then drop temperature to 50° maximum. If you want tall plants hold temperature at 60° until plant gets 1 or 2 feet high, then drop temperature to 50° for one week. Buds usually set in three days at 50°, but to be conservative we say run a week at 50°, then the temperature may be raised again. By varying the time at which you give the plants the bud setting low temperature of 50° maximum you can make the plants grow to any desired height.

Soil, light and other growing factors have some effect, but experience with skillful use of this temperature information will soon show what consistent results one can obtain.

ANNUAL FLOWER SEEDS FOR FALL SOWING

Antirrhinum
Calendula
Calliopsis
Candytuft
Centaurea Cyanus
Cosmos
Dianthus (Annual pinks)
Gilia Capitata
Gypsophila
Hunnemannia
Larkspur
Mignonette
Cynoglossum (Chinese Forget-me-not)
Poppy Shirley

The earliness of bloom, and the economy of growing compared to plants started in the Greenhouse, makes the sowing of certain annuals in the Fall a good gamble for Florists who can use summer cut flowers. Larkspur is a particularly good item for this culture. This method avoids transplanting, which is often difficult with Larkspur. Early plants grow better due to cooler weather, and the early flowers do not shatter as easily as those blooming during the hot spells.

When you sow seeds of annuals in Fall, you imitate Nature's method. Practically all hardy annuals will produce stronger, sturdier plants with earlier bloom by this method. Do not be in too much of a hurry to sow. The ideal time is just before the ground freezes for winter. November 15th is early enough in normal seasons in the vicinity of Chicago and New York. If the ground has been prepared in advance, sowings can also be made during winter thaws. A cold frame makes a good place to grow.

A fine seed bed is desirable. No covering of any kind is needed unless there is danger of washing or from birds, in which case a light, loose covering can be used. Plant at half the depth used when sowing seed in Spring. Broadcast all small seed. South of the Mason-Dixon line, sowing should be delayed until the late February and early March thaws.

Index to Contents

Page
Amaryllis 9
Anemones 9
Antirrhinum 11-12
Aprons 39
Aquilegia 22
Asparagus 22, 24
Azaleas 24

Baskets 33
Begonia 12, 24
Blowers 35
Boxes, Cut Flower 38
Bowls 43
Browallia 12
Bulbs 4–10
Bulb Fibre 43
Buyers Guide 1–4

Caladium 24
Calceolarias 12, 24
Calendula 13
Calla Lily 9
Calochortus 9
Cane Stakes 42
Candytuft 13
Cannas 31
Card Assortment 39
Carnation 22, 24
Cello Glass 41
Centaurea 22
Cineraria 24
Clamps 37
Clematis 31
Clips 47
Consignment Seed Offers 50
Corsage Shields 37

Page
Cycas Leaves Prepared ....Inside Back Cover
Cyclamen 13, 24
Cynoglossum 13

Delphinium 14
Dracaena 13
Duster 35
Dutch Iris 10

Easels, Wood 39
Elms 32
Evergreens 30–31
Exacum 14

Ferns 24
Fertilizer 45
Florist Foil 38
Florist Supplies 38–39
Flower Boxes 38
Flower Holders 40
Flower Pots 42
Flower Seeds 1–3, 11–21
Forget-Me-Not 15
Freesia 10

Geraniums 24
Gerbera 15
Glass Cloth 41
Glass Cutter 37
Glazing Gun 37
Glazing Points 37
Glazing Putty 37
Glazing Tools 37
Grafting Wax 42
Grass Seed 48
Greenhouse Supplies 39
Greenhouse Plants 24
Gypsophila 15

Page
Hemerocallis 22
Hormodin 39
Hose 46
Hose Couplers 46
Hose Menders 46
Hose Nozzles 46
Hot Bed Supplies 41
Hydrangea 24

Immortelles ....Inside Back Cover
Insecticides 34
Iris 10, 25
Ivy 24, 31

Jardier—For Potted Plants 40

Knives 46

Labels 44
Lamp, Electro Static 41
Larkspur 15
Lawn Grass Seed 48
Lettering 39
Leucocoryne 10
Lilies, Hardy 7
Lily of the Valley 7
Lilies Various 7
Lilium Candidum 7
Lilium Erabu 7
Lilium Giganteum 7
Lilium Harrissii 7
Lilium Regale 7
Lilium Vaughani 7
Lupins 14
Lycopodium ....Inside Back Cover

Page
Magnolia Leaves ....Inside Back Cover
Marigolds 14
Mastica 37
Match Sticks 49
Mats 38
Mignonette 15
Moss, Sheet ....Inside Back Cover
Moss, Sphagnum ....Inside Back Cover
Muscari 10
Mushroom Spawn 47
Myosotis (Forget-Me-Not) 15

Narcissus ....Inside Front Cover, 8

Oak Sprays ....Inside Back Cover
Ornithogalum 10

Paint 37
Pansy 15–16
Paper Whites ....Inside Front Cover, 8
Paper 38
Paper Pots 42
Pearl Chips 43
Peat Moss 45
Pencils, Indelible 44
Peonies 26
Perennial Plants 22–23
Perfumes 49
Petunias 17–18
Phlox Dr. 18
Phlox, Hardy 23
Pins 47

Page
Plant Markers 44
Plant Pails 42
Plant Stakes 42
Pliers 39
Populus 32
Pot Covers 38
Primula 16
Pruning Tools 44
Pumps, Spray 35
Putty Bulb 37
Putty Knife 37

Raffia 41
Ranunculus 9, 18, 23
Reeds 41
Ribbons 37
Rootone 39
Roses 27
Ruscus. Inside Back Cover

Salix 29
Salvia 18
Sanseviera 24
Sash, Hot Bed 41
Saws, Pruning 44
Sedum 23
Schizanthus 18
Seed Racks 50
Shade Cloth 36
Shears 44
Shrubs 28–29
Sieves 40
Snapdragons 11–12
Snips 47
Soil Test 45
Sphagnum ....Inside Back Cover
Spiraea 10, 29
Sprayers 35

Page
Sprinklers 46
Stakes 42
Staples 39
Statice 23
Stocks 19
Sweet Peas 20–21
Syringes 35

Thermometer 40
Thermoclock 40
Thread (Florist) 47
Tinfoil. Inside Back Cover
Toothpicks 47
Tree Pruners 44
Tree Wraps 41
Trees, Ornamental 32
Tubs 42
Tulips 4–6
Tulips, 2d Size 4
Twine 47

Vases 40
Vegetables, Greenhouse 47
Verbena 21
Vinca 21, 23
Vines, Hardy 31
Vitamin B-1 39

Watering Pots 47
Wheelbarrows 43
Wire 47
Wire Plant Stakes 42
Wire Designs 36
Wistaria 31
Wreath Materials ....Inside Back Cover

Zoom B-1 39

L. H. VAUGHAN, PRES.
CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

GREENHOUSES AND NURSERIES,
WESTERN SPRINGS, ILL.

Vaughan's Seed Store

GENERAL OFFICES AND WAREHOUSES
601-609 WEST JACKSON BLVD., CHICAGO

CARL CROPP, V. PRES.
NEW YORK,
47-49 BARCLAY ST.

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

All telegrams should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York.

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 percent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items).

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalogue are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany it.

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INSURANCE. We insure all orders for seeds for $2.00 and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than $1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our SPRING RETAIL CATALOGUE will be given as follows:

25% on orders amounting to $1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.

30% on orders (for packets) from $1.00 to $5.00, when at least 5 of a kind are ordered.

40% on orders (for packets) for $5.00 and over, when at least 5 of a kind are ordered.

None of these seeds are returnable. They are sold outright.

10% on special offers and cut-rate collections, none on bulb collections.

Cash Discounts on Flower Seeds. On all orders for flower seeds totaling less than $25.00, 5%, and over $25.00, 8%, may be deducted if cash is enclosed.

No order will be charged to open account for less than 35 cents.

All telegrams should be addressed to our general office at 601 W. Jackson Blvd.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

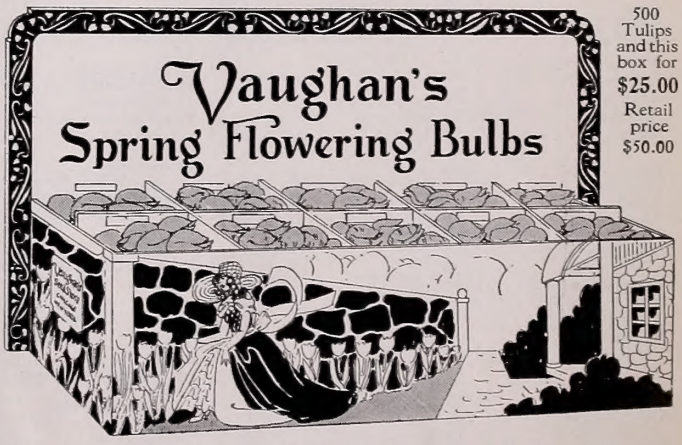
Double Your Money on Tulips Sold From This Attractive Display

This beautiful display box, with 500 First Size May-flowering tulips, 50 each of ten named varieties, separately bagged, $25.00; 1,000 Second Size May-flowering Tulips, 100 each of ten named varieties, separately bagged, and display box, $40.00, f. o. b. Chicago or New York.

BE ONE of the few dealers who can supply tulips this fall! War has cut off the supply of many chain and department stores and lessened your competition. We cannot supply you with a definite group, as usual, but will send outstanding varieties which your customers will be delighted to buy. This business belongs to the florist, who can supply expert advice to purchasers. Our beautiful display box will be an ornament in any flower shop.

Vaughan's ten-compartment display box, staunchly made of 100 point cardboard printed in brilliant colors, will hold 500 bulbs, 50 each of ten varieties of our selection.

The varieties in this collection will be popular ones. You retail them for $1.25 per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for $24.50 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or $48.00 for 1,000 bulbs, 100 each of ten varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bagful to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.



500 Tulips and this box for **$25.00** Retail price $50.00

Tulip Display Box Holding 500 Bulbs, 50 each of 10 Named Varieties

Counter Space Needed, 13x29 Inches.

The display box with its garden design printed in brilliant colors, occupies very little space on your counter. It is an ornament to any store. It solves the problem of offering bulbs for sale in the retail shop, without danger of mixing varieties, and losing stock.

Vaughan's Tulips For Forcing

War Limits Supply-Make Sure of Your Share by Early Order

War conditions, it now appears, will prevent the importation into this country of flowering bulbs from Holland, of which we used more than 100,000,000 last year.

From the best data at hand, we estimate that approximately the following tulips suitable for forcing will be available to the florists of the United States and Canada, provided no Dutch bulbs are shipped:

English grown, 11½ to 12½ ctms., 2,000,000.

English grown, 10 to 11 ctms., 8,000,000 (non-forcing varieties not included).

American grown, 11½ to 12½ ctms., 2,000,000.

In addition, some Japanese bulbs will be imported, but in our opinion they cannot be profitably forced and are only suitable for late flowering. The forcing value of the 10-11 ctm. English bulbs, as enumerated above, is also doubtful.

Last fall about 30,000,000 tulips were used by the florists of the United States and Canada for forcing. With 4,000,000 reliable bulbs for forcing, as shown above, and 8,000,000 of doubtful value, it seems apparent that the available supply this year will be not more than one third of a normal supply.

We have been conducting large scale experiments in growing tulips in the Pacific Northwest for several years, and this year had the largest tulip plantings in this country. Many florists are familiar with the high quality of this stock.

The tulips offered below are either our own American grown stock or imported English bulbs.

Increased prices are inevitable owing to the short supply, and heavy costs. But remember, that the bulbs you grow will be sold on a market which normally absorbs three times as many plants as can be produced for next spring. Your costs other than bulbs will be the same, and prices should easily pay a larger than normal profit.

In tests conducted for several years at Western Springs, Ill., our American grown tulip bulbs have been proved to be equal or superior to imported Dutch bulbs. Illustration shows two rows of American grown Clara Butt, on right, taller and larger than imported Dutch bulbs of the same variety in two rows on left. Taken in spring of 1940.

Darwin Tulips

The most profitable of all Tulips for Florists' use. Varieties on this page marked (f) can be forced in gentle heat.

	FIRSTS Per 100	FIRSTS Per 1000	SECONDS Per 100	SECONDS Per 1000
Afterglow, soft apricot orange, tinged pink	$6.00	$55.00	.....	.....
Bartigon, (f) fiery crimson	5.50	50.00	$4.50	$40.00
Black Eagle, brilliant purple	6.50	60.00	....	.....
Clara Butt, (f) soft salmon-pink	5.50	50.00	4.50	40.00
Dream, (f) soft lilac	6.00	55.00	5.00	45.00
Farncombe Sanders, (f) rich, brilliant scarlet	6.00	55.00	5.00	45.00
King Harold, (f) dark maroon scarlet	6.00	55.00	....	.....
Le Notre, (f) rose shaded blush	6.00	55.00	....	.....
Mme. Krelage, soft rose, margined blush	5.50	50.00	4.50	40.00
Mrs. Mandel, (f) violet-blue flushed lilac	6.50	60.00	5.50	50.00
Philippe De Commines, velvety dark purple	$6.00	$55.00	$5.00	$45.00
Pride of Haarlem, (f) carmine rose	6.00	55.00	5.00	45.00
Princess Elizabeth, (f) soft rose with silvery margin, white base. Extra fine forcer	5.50	50.00	4.50	40.00
Prof. Rawenhoff, (f) cherry-rose, white, blue base	5.50	50.00	4.50	40.00
Rose Copeland, lavender-pink	6.00	55.00	5.00	45.00
Sundew, laciniated, brilliant crimson	6.50	60.00	5.50	50.00
Victoire D'Oliveira, (f) carmine red, good forcer	6.00	55.00	5.00	45.00
Wm. Copeland, (f) bright violet: for forcing	5.50	50.00	4.50	40.00
William Pitt, (f) brilliant carmine	6.00	55.00	5.00	45.00
Yellow Giant, golden yellow	6.00	55.00	....	.....
FINEST MIXED	5.50	48.00	4.50	40.00

TULIP DIDO, PINK COTTAGE

TULIP KEIZERSKROON, RED AND GOLD EARLY

Cottage Tulips

	FIRSTS Per 100	FIRSTS Per 1000	SECONDS Per 100	SECONDS Per 1000
Carrara, pure white	$7.00	$65.00	....	.....
Dido, pink salmon, edged orange	6.50	60.00	....	.....
Gesneriana Lutea, (f) golden yellow, sweet-scented. A splendid one under glass, on account of its color and perfume	6.00	55.00	$5.00	$45.00
Inglescombe Pink, (f) salmon rose	6.00	55.00	5.00	45.00
Inglescombe Yellow, (f) rich yellow	5.50	50.00	4.50	40.00
John Ruskin, salmon-rose with pale yellow margin	6.00	55.00	5.00	45.00
Maiden's Blush (Picotee), (f) white recurved petals, margined rose	6.00	55.00	5.00	45.00
Orange King, deep orange shaded rose	6.00	55.00	5.00	45.00
FINEST MIXED	5.50	48.00	4.50	40.00

Early Tulips

Artus, deep scarlet	6.50	60.00	5.50	50.00
Diadem (Pink)	6.50	60.00	....	.....
Duchess de Parma, (Brownish, red light orange border)	6.50	60.00	5.50	50.00
Fred Moore, dark orange edged yellow	6.50	60.00	....	.....
Keizerskroon, red with distinct wide golden border	7.00	65.00	6.00	55.00
Lady Moore, (Red shaded Terra Cotta)	6.50	60.00	....	.....
Rising Sun, golden yellow	6.50	60.00	....	.....
White Swan, pure white	6.50	60.00	5.50	50.00
Yellow Prince, golden yellow	6.50	60.00	....	.....

Breeder Tulips

	FIRSTS Per 100	FIRSTS Per 1000	SECONDS Per 100	SECONDS Per 1000
Bronze Queen, golden yellow bronze	$5.50	$50.00	$4.50	$40.00
Dillenburg, salmon-orange	7.00	65.00	6.00	55.00
Louis XIV, rich purple with golden bronze margin	7.00	65.00	6.00	55.00
Prince of Orange, (f) orange scarlet edged light yellow	7.00	65.00	6.00	55.00
Mixed, all colors	5.50	50.00	4.50	40.00

Tulips Will Be Scarce Next Spring!

With less than a third of the tulip bulbs being forced for cut flowers and plants this winter, the normal demand for tulips next spring should be three times as large as the supply.

The time proved law of supply and demand will have a chance to operate, for once, in favor of the sellers. If you are one of the fortunate few to have tulips for sale, your costs should not be up more than 25%. Bulbs are higher, but growing expense will remain the same.

But bulbs are scarce, so order early!

Sell Daffodils This Fall

25 mixed hardy daffodils in picture packages, 10 pkgs. $ 8.00
Retail for 15.00
Profit $ 7.00

20 packages for $15.00; doubling your money. Prices F. O. B. Chicago.

Mixed hardy daffodils are lower in price than tulips this fall for the first time we remember, and by almost 50%! Many more should be sold, in view of the tulip shortage. We offer a special picture package in brilliant color containing 25 mixed bulbs, and giving cultural instructions. Sure to be a rapid seller. No waste, no picking over.

Lily Bulbs

Lilium Vaughani

(Quantities Limited.)

Has the large flowers of the Giganteum type coupled with the blooming qualities of Erabu. The foliage is closely set, all the way up the stem, and it does not lose its foliage near the pot. In appearance, it is sturdier, and a better pot plant. The percentage of flowers from a 7 to 9-inch bulb is higher than any other type of Giganteum.

7 to 9-inch (300 bulbs to case)	Write for Prices
8 to 10-inch (225 bulbs to case)	
9 to 10-inch (200 bulbs to case)	

Lilium Giganteum

(Due to the dry weather in Japan crop of large size will be short of supply, so order at once.)

As this catalogue goes to press prices have not yet been fixed by the Japanese growers. We will be glad to quote you by mail if you will advise size and quantity you are interested in.

Our northern grown stock will again come from the same selected fields as last season. Our customers may depend not only upon the best market prices, but on guaranteed grading—a vital point. Our arrangements in Japan provide for selection of sound, well-shaped bulbs. Crescent-shaped, malformed and undersized bulbs are taken out. If any of our cases reach you with undergraded or inferior lily bulbs in them, ask us at once for disposition.

6 to 8-inch (400 to case)	Write for Prices
7 to 9-inch (300 to case)	
8 to 9-inch (250 to case)	
8 to 10-inch (225 to case)	
9 to 10-inch (200 to case) (scarce)	

Lilium Erabu

Stock will be short, due Japanese Government Control over Exports.

Growers must not force Erabu in great heat. A cool house, 60 to 65 degrees, with plenty of moisture is better, but they will certainly do best when grown in pots so they can be shifted into sections representing varying heights to give proper light and watering.

	100	Per Case
6 to 8-inch (400 to case)	$ 6 50	$22 50
7 to 9-inch (300 to case)	8 50	22 50
8 to 10-inch (225 to case)	11 50	22 50
9 to 10-inch (200 to case)	13 00	22 50

Lilium Regale

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 or 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting.

	Doz.	Per 100	Per 1000
6-7 in.	$1 00	$ 6 00	$ 50 00
7-8 in.	1 25	8 00	70 00
8-9 in.	1 50	10 00	90 00
9-10 in	1 85	13 00	120 00

If wanted in quantity please write for prices.

Hardy Japan Lilies

Auratum—Gold-Banded

Flowers white, dotted crimson, with a clear golden band running through center of each petal; very fragrant.

	Doz.	100	Case lots
8 to 9 inches (180 bulbs to a case)	$1 35	$ 9 00	Write
9 to 11 inches (125 bulbs to a case)	2 00	14 00	for
11 to 12 inches (90 bulbs to a case)	2 75	20 00	Prices

Auratum Platyphyllum

The flowers are similar in color to Auratum, heavily spotted, but are much larger, petals more overlapping, of greater substance.

8 to 9 inches (180 bulbs to a case)	$2 00	$14 00	Write for
9 to 11 inches (125 bulbs to a case)	2 75	19 00	Prices

Speciosum Rubrum Magnificum

Flowers are of good substance; will last a long time and do not all open at once. One of the best varieties for cold storage purposes.

8 to 9 inches (200 bulbs to case)	$1 35	$ 9 00	Write
9 to 11 inches (140 bulbs to case)	2 00	14 00	for
11 to 13 inches (90 bulbs to case)	2 75	18 00	Prices

Speciosum Album (White)

Pure white, with beautiful recurved petals, very fragrant.

8 to 9 inches (220 bulbs to case)	$2 10	$15 00	Write for
9 to 11 inches (160 bulbs to case)	2 75	20 00	Prices

Speciosum Melpomene

Flowers frosted white, spotted and bearded with pinkish crimson.

8 to 9 inches (180 bulbs to case)	$1 35	$ 9 00	Write for
9 to 11 inches (140 bulbs to case)	2 00	14 00	Prices

Lilium Candidum—Thick Petaled

Our Lilium Candidum are the thick, broad-petaled Paris-grown type so superior to the narrow-petaled south-of-France stock. The bulbs are plump, heavy and healthy. Increasing demand each season causes prices to advance.

PRICES	Northern-Grown, Thick Petaled		
	Doz.	Per 100	Per 1000
18-20 ctms.	$1 50	$10 00	$ 90 00
20-22 ctms.	1 75	12 00	110 00
22-24 ctms.	2 00	15 00	140 00
24-26 ctms.	2 50	18 00	175 00

Various Lilies

	Doz.	100
BATEMANNIAE—Beautiful apricot shade	$1 25	$ 8 00
CANADENSE—Meadow Lily. Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows, fine bulbs. Per 1000, $65 00	1 15	7 00
ELEGANS MIXED Per 1000, 85 00	1 30	9 00
HENRYII. The flower stalk, 3 to 5 feet high, carry 5 to 8 flowers each; color, rich apricot-yellow, lightly spotted with brown. 8-9 in. Per 1000, $ 75 00	1 25	8 00
9-11 in. Per 1000, 115 00	1 75	12 00
PARDALINUM—Leopard Lily. Rich scarlet and yellow spotted with rich brown. Per 1000, $115 00	1 75	12 00
PHILLIPINENSE FORMOSANUM — A very refined and graceful Lily with long grassy foliage, and long wide-mouthed trumpet flowers of the purest white, slightly marked externally with reddish brown. The plants grow to a height of 3 foot or more, are very robust and offer great resistance to wind and weather	1 50	10 00
SUPERBUM. Flowers bright orange-red thickly spotted with purple. Per 1000, $75 00	1 25	8 00
TENUIFOLIUM—The lovely Coral Lily of Siberia. It is the brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. They are so fine for cutting. Per 1000, $55 00	1 00	6 00
TIGRINUM SPLENDENS — Improved Single Tiger Lily. Very hardy native Lily; orange-red, spotted purple-black. Per 1,000, $65 00.	1 00	7 00
TIGRINUM FLORE PLENO—Double Tiger Lily. The well-known double Tiger Lily; grows from 4 to 6 feet high, and bears an immense number of bright orange flowers. Per 1,000, $65 00.	1 00	7 00
UMBELLATUM—Colors range from deepest red through all shades of crimson, rose, yellow, buff, and apricot; blooms about June 30th.		
—Mixed. Large Flowers. Per 1000, $115 00	1 75	12 00

Lily of the Valley

Our stock is imported direct by us from the Best Lily of the Valley growers in Germany. Prices will be ready in November.

Lilium Harrisii

The Bermuda Easter Lily

	Per 100	Per Case
6- 7 inch (335 to case)	$ 8 00	$23 00
7- 9 inch (200 bulbs to case)	13 00	23 00
8-10 inch (150 bulbs to case)	18 00	23 00

American-Grown Hardy Narcissi

Northwest-Grown Bulbs From Which No Flowers Have Been Cut

HAVING our own Farms in Oregon and with a resident representative to make inspections of other fields each season when the bulbs are in bloom and again after the bulbs have been lifted and placed in trays in the warehouses our customers are assured of the best quality.

Quality of our stock has reached perfection through long study and adoption of the latest methods of culture.

Our bulbs are grown in Oregon, where narcissi bulbs grow best. All our stock has come from the same source in the last six years. The most modern implements are used so that bruising and disease are reduced to minimum. After digging, our bulbs are stored in temperatures that have been found most satisfactory by eminent English and Dutch experimenters. This temperature treatment hastens the flowering period and keeps the bulbs firm.

American grown narcissi are now not only grown as well as European, but they travel a shorter distance to you, minimizing the risk of heating and bruising.

KING ALFRED (Trumpet Variety)
Golden yellow, large flowers. King of all of them.

No. 2 Double Nose 100	No. 2 Double Nose 1000	Round 100	Round 1000
$5.75	$52.00	$5.50	$51.00

NARCISSUS KING ALFRED

TRUMPET VARIETIES (Yellow Trumpet)

	Double Nose 100	Double Nose 1,000	Round 100	Round 1,000
Emperor, rich yellow, large flower	$5.50	$51.00	$4.50	$40.00
Golden Spur, rich yellow	4.50	40.00	3.75	32.00
Minister Talma, golden yellow, large flowers	6.50	58.00	5 00	43.00
M. A. Fiersten, yellow trumpet daffodil. Wide short, densely frilled trumpet of pure yellow, a shade deeper than the perianth; finely placed with good neck. Per doz., $2.00	15.00	.....	....	.....
Olympia, sulphur-yellow perianth, large yellow trumpet	7.50	70.00	6.00	54.00
Tresserve, sulphur-yellow perianth with very large yellow trumpet	6.50	58.00	5.50	47.00
Bicolor Varieties				
Spring Glory, white perianth, yellow trumpet	5.50	51.00	4.75	42.00
Victoria, white perianth, yellow trumpet	5.50	50.00	4.75	42.00
Other Classes				
Barri, Conspicuus, yellow, small cup	4.50	39.00	3.75	31.00
Diana Kasner, (Barri), pure white perianth and large fluted yellow cup with blood red frill. Good forcer	6.00	55.00	5.00	44.00
Golden Sceptre (Jonquil), deep golden yellow	6.00	55.00	4.50	40.00
Early Surprise (Barri), yellow perianth, scarlet rimmed cup	4.50	40.00	4.00	35.00
Laurens Koster (Poetaz), white and yellow	5.50	50.00	4.25	38.00
Poeticus Glory of Lisse, pure white cup, margined red	5.00	45.00	4.00	35.00
Poeticus, Ornatus, white and yellow	4.50	40.00	3.75	32.00
Pheasant Eye	4.50	40.00	3.75	32.00
Poeticus, Horace, snow white broad perianth, large cup edged bright scarlet. Very fine for planting in cold frames for mother's day flowers	5.00	45.00	3.75	32.00
Sir Watkins (Incomparabilis), medium trumpet, yellow. Good for early use	5.00	44.00	3.80	33.00
Croesus (Incomparabilis), Canary yellow perianth, orange fluted cup	6.50	58.00	5.00	45.00
Queen of North (Leedsii), white perianth primrose cup	6.75	62.00	4.75	42.00
Silver Star (Leedsii), white perianth cup primrose changing to white	8.50	80.00	6.75	62.00
Mixed, for outdoor planting, single and double nose	....	.....	3.50	30.00

Double Varieties

	Double Nose 100	Double Nose 1,000	Round 100	Round 1,000
Alba Plena Odorato, pure white	$4.50	$40.00	$3.75	$32.00
The Pearl, double white	6.50	58.00	5.00	45.00
Twink, primrose and clear orange	8.50	80.00	6.75	62.00
Von Sion, yellow	5.50	50.00	4.00	35.00

Narcissus Paper White Grandiflora

From the Finest Crop Harvested in Florida
CROP IS SHORT OF LARGE BULBS—ORDER EARLY!

All our bulbs are grown from stock that originally came from the same Frenchman who supplied us before importation of foreign bulbs was prohibited. We caution florists against buying cheap bulbs of Paper Whites. You might get bulbs which have been left in the ground two or more years, and which show double crowns. Such bulbs will produce plenty of foliage, but will lack flowers.

The fields from which our bulbs come were inspected by our bulb man at flowering time, to insure true type; and a further inspection was made at harvesting time. The stocks have all been tested for forcing in soil and in water and the reports from such tests are that while flowering somewhat later than imported bulbs, results are as good.

Paper Whites. Write for prices on 5 or more cases.	100	1,000
12 ctms. Buy these to compete with chain store	$1.75	$12.00
13 ctms.	2.10	16.00
14 ctms.	2.60	21.00
15 ctms.	3.10	28.00
Grand Soliel d'Or, Yellow Paper White.		
14-15 ctms.	4.00	35.00
15-16 ctms.	5.00	42.50
16 ctms. and up	6.00	55.00

Chinese Narcissus (American Grown Bulbs)

(Better than the imported.)	Per 100	Per 1,000
Strong Bulbs	$4.00	$35.00

Miscellaneous Bulbs

Giant Hybrid Amaryllis

One of the finest strains of Amaryllis we have ever seen. Flowers are immense, composed of broad, well-rounded, overlapping petals; of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson, bright red, cherry and almost maroon.

Bulbs 2½ inches and more and are sure bloomers.

Make wonderful window displays.

SELECTED MIXED HYBRIDS

	Doz.	100
2-2½ inch	$1.60	$11.00
2½-3 inch	2.25	16.00
3 -3½ inch	3.50	25.00
3½ inch and up	4.50	32.00

SEPARATE COLORS. Each, 40c; Doz., $4.00.

Light Red	Salmon	Red with Light Stripes
Dark Red	Rose	Light Shades

OTHER AMARYLLIS

	Doz.	100
Johnsonii. Velvety crimson, white striped	2.50	18.00

ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Set 10 inches apart, about ½ inch deep. Sunny location, plenty of moisture. **Special Mixed**, number one bulbs, per 100, $2.00; per 1,000, $17.50.

Anemone St. Brigid Irish Champions. The largest flowered strain of Anemones ever offered in the United States. Large, brilliant flowers in a wide variety of colors, over 90% full double. Number one bulbs, per 100, $3.00; per 1,000, $25.00.

BRODIAEAS

Capitata. The California Hyacinth, has slender stems, 6 to 12-inch, high capped with a close cluster of violet blue flowers. Flowers hold up well, so should be good for Florists use. 100, $2.75; 1,000, $22.50.

White Calla

(Aethiopica) Ready in September

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice **premature cutting off the tops**, expose bulbs to **the sun**, in order to make **early shipment.**

Our stock is **thoroughly cured in the ground** and **dried** thoroughly before they are packed. This means **later delivery** but better results can be obtained from such bulbs.

We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

Size	Per 100	1,000
1¼-1½ inches	$ 4.50	$ 40.00
1½-1¾ inches	8.00	75.00
1¾ inches and up	13.00	125.00

BABY CALLAS; Dwarf White, Fine for Pots.

	Doz.	Per 100		Doz.	Per 100
Top size	$1.75	$12.00	First size	$1.50	$10.00

ANEMONE

RANUNCULUS

AMARYLLIS NEW HYBRIDS

Yellow Calla

(Elliotiana)

Yellow callas are very attractive as pot plants. A few pots of this golden yellow flower placed in a display window draw much attention and sales. Grow a hundred and see how quickly they sell.

	Doz.	Per 100	1,000
2-2½ inch	$1.30	$ 9.00	$ 85.00
2½-3 inch	2.00	14.50	140.00
3-3½ inch and up	3.50	25.00	240.00

CALOCHORTUS or MARIPOSA TULIP

These famous California flowers resemble a tulip in shape, and are of many colors, shades and markings. Try a few in a cool house.

Mixed, per 100, $3.50; postpaid; per 1,000, $30.00.

Ranunculus

With available flowers for early spring sharply reduced by the effects of war, the problem of every greenhouse owner is: What shall I plant in the benches usually devoted to material shut off by war?

Ranunculus offer an immediate answer to this problem. No other flowers available to the florist can produce such a riot of color. They make an immediate hit with the public, as every flower show proves. Market records show that supplies in the past have sold out quickly at good prices, and next spring they will have far less competition.

The important thing is to grow a good strain, and Vaughan's exclusive Victoria Hybrids have no rivals in abundant bloom, percentage of doubles, strong stems, and size of flowers. The color range embraces pink, yellow, orange, brilliant scarlet, vivid apricot and innumerable tints of these colors.

Culture is simple, and full directions will be supplied on request.

	Per 100	Per 1,000
Victoria Hybrids Mixed Tops	$3.00	$25.00
Mixed First Size	2.00	18.00
Orange	3.00	25.00
Pink	3.00	25.00
Red	3.00	25.00
Yellow	3.00	25.00

WRITE FOR QUANTITY PRICES

Freesias — California Grown

Crop Short

Vaughan's 1940 Introductions

Knipe's Yellow. A yellow freesia of unusual sturdy growth, tall straight stems. Flowers large and wide open. Great lasting qualities. Very prolific producer with several laterals, making it a valuable cut flower.

Kokomo. A very attractive lavender blue. Large open flowers and good long stems. A strong grower with plenty of laterals. We believe the finest lavender to be put on the market.
Prices for Both Varieties. (Limited Stocks Only). ½ to ⅝ in., per 100, $3.00; per 1,000, $25.00; ⅝ to ¾ in., per 100, $3.50; per 1,000, $30.00; ¾ inch and up, per 100, $5.00; per 1,000, $45.00.

PURITY—True Strain. White. ½ to ⅝ in.: per 100, $1.00; per 1,000, $6.00.

Elder's Giant White. Much demand for the flowers on all markets because of the size and strong stems. ½ to ⅝ in.: per 100, $1.50; per 1,000; $10.00.

WHITE CHIEF

A new Giant White. Stems average 18 to 30 inches long; single flowers 2½ inches long. Can be had in bloom first week in January. Forty-five to forty-eight degrees night temperature would bring out the good qualities to perfection. At the prices at which we offer this variety a grower should try five hundred or more. ½ to ⅝ in.; per 100, $1.00; per 1,000, $7.00. ⅝ to ¾ inch, per 100, $1.60; per 1,000 $11.00.

Apotheose. New. One of the best varieties, very large robust flowers, opening deep mauve-lilac, turning to bright carmine-pink; white throat tall, rigid stems extra. ½ to ⅝ in., per 100, $1.50; per 1,000, $9,00; ⅝ to ¾ in., 100, $1.75; per 1,000, $12.00.

Golden Daffodil. The yellow you must have with your planting of the White varieties. Color, clear, light yellow and orange blotch. Large flowers on strong stiff stem. ½ to ⅝ in.: per 100, $1.00; per 1,000, $6.00.

Marie Louise Violet. This variety is an unusually strong grower, with sturdy stems well above foliage and long laterals — The flower is large of a deep blue violet color, sometimes with a little touch of pink in it, which makes it very attractive. ½ to ⅝, in., per 100, $2.00; per 1,000, $15.00; ⅝ to ¾, per 100, $2.35; per 1,000, $18.00.

Mrs. Marc Peters. A very attractive deep rosy salmon with lower petals blotched orange with yellow. ½ to ⅝ in.: per 100, $1.75; per 1,000, $12.00. ⅝ to ¾ in.: per 100, $2.00; per 1,000, $15.00

Miss Blanche Blue. (Patented). Deep blue, large, open flowers; tall, strong stems; long lateral stems making possible even third and fourth cuts; tall, deep-green leaves, a sturdy grower and easy forcer. ½ to ⅝ in., per 100, $1.75; per 1,000, $12.00.

Rainbow. Mixed. ½ to ⅝ in., per 100, $1.80; per 1,000, $13.00; ⅝ to ¾ in., per 100, $2.10; per 1,000, $16.00.

Red Ridinghood. (Patented). A new and distinct color in Freesias; blood red, cadmium yellow throat with lines of blood red. The growth is upright, stems rigid and each bulb produces from 3 to 4 laterals, which lengthens the season considerably. Good for Valentine's Day. ½ to ⅝ inch, per 100, $3.50; per 1,000, $30.00; ⅝ to ¾ inch, per 100, $4.00; per 1,000, $35.00; ¾ inch and up, per 100, $4.50; per 1,000, $40.00.

Rosy Morn. The color is a rosy-pink suffused with golden yellow at the base of each petal. Early bloomer. Stem is strong and wiry. The leaves upright and the blossom is of the open, round petal type. ½ to ⅝ in., per 100, $1.75; per 1,000, $12.00.

Ruth Chatterton (Patented). The color is distinctly new to Freesia, the upper portion of the petals, both inside and outside, are Tyrian rose shading down the petals to Tyrian pink. These colors being shot with delicate streaks of cadmium yellow in varying degrees becoming solid yellow down into the perianth. ½ to ⅝ in.: per 100, $2.90; per 1,000, $24.00. ⅝ to ¾ in.: per 100, $3.50; per 1,000, $28.00.

Sunset. A flame orange, reminding you of the glorious sunsets of California. ½ to ⅝ in.: per 100, $1.50; per 1,000, $10.00. ⅝ to ¾ in.: per 100, $1.90; per 1,000, $14.00.

Leucocoryne Ixiodes Odorato

(Glory of the Sun)

Heads of large, fragrant flowers, blue with white center, carried gracefully on a wiry stem about eighteen inches tall. Culture same as freesias. This novelty has received much favorable comment, winning several European awards. Per doz., $1.15; per 100, $7.50.

MUSCARI (Grape Hyacinth)

Make good pot plants. Force easily for January blooms.

Blue. Pretty little spikes of dark blue flowers; an old garden favorite, used largely for small beds, edging, etc. Per 100, $2.25; per 1,000, $18.00.

Pure White. Per 100, $3.00; 1,000, $25.00.

Heavenly Blue. Sky-blue. Per 100, $2.25; 1,000, $18.00.

Plumosum. Violet (feathered). Per 100, $3.50; 1,000, $30.00.

Dutch Iris

	7-8 ctms. Per 1,000	8-9 ctms Per 1,000
Adrian Backer. A beautiful, large flowering novelty of uniform lilac purple	$28.00	$38.50
A. Bloemaard. Standards dark purplish blue, falls lighter blue, very large flower, early	19.00	26.50
Celestial, Late blue	16.00	26.50
D. Haring. Early flowering. Standards greyish white, falls pure white, very large flower	23.00	31.50
Early Snow. Tall early white	25.00	38.50
Imperator (Filifolia). Deep blue. Good seller, one of the best of greenhouse growing	16.00	26.50
J. W. De Wilde. Uniform dark yellow, a novelty	28.00	.....
Leonardo Da Vinci. Standards creamy white, falls canary yellow with orange stripe, very large flower and early	23.00	34.50
Poggenbeeck. Uniform dark blue. An extra good variety	16.00	26.50
White Excelsior. Uniform pure white, falls very broad, very good form and substance, very early forcer	26.00	36.50
Yellow Queen. Standards pale yellow, falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow	31.00	.....

We can supply also bulbs of the 6-7 ctms size for outdoor planting. Write for special prices.

Tingitana Wedgewood. A seedling of the old favorite Tingitana that is just as early, but a much more reliable bloomer. Can be brought into flower in January, as it is the earliest of Iris. A great cut flower that has commanded enormous prices during the past few years. Light blue in color, 8-9 ctms., per 100, $1.80; per 1,000, $13.00; 9-10 ctms., per 100, $3.00; per 1,000, $26.50; 10 ctms. and up, per 100, $4.75; per 1,000, $42.00.

English Iris

The English Iris are among the finest of all the Iris group coming into flower at the end of June. As a cut flower it is invaluable. The bulbs may be planted outside with a Winter mulching.

Named Varieties. Deep-blue, White, Light-blue, Deep-ruby flaked. Doz., 80c; 100, $5.50. **Mixed.** Doz., 60c; 100, $4.00.

ORNITHOGALUM

Aureum, is a rich apricot orange color, and is perhaps the finest of all Ornithogalums. The flower stems are usually much over a foot in height, with most of the upper half covered with flowers shaped somewhat on the order of a Paper White Narcissi, only a deep orange-color. Its ease of culture, and the long lasting qualities of the flowers make it an ideal cut flower. Doz., $1.30; 100, $9.00.

Arabicum, Star of Bethlehem, white with black base. Doz., 60c; 100, $4.00.

Thrysoides, pure white. Doz., 60c; 100, $4.00; 1,000, $35.00.

Thrysoides, Flore Pleno, double white. Doz., 80c; 100, $5.50.

SPIRAEAS

For Easter and Mothers' Day Blooming

Freeze roots before potting.
Grow 90 days for Easter.
Grow 75 days for Mothers' Day.
Temperature 55 degrees.
Pink and white varieties of best named. Per doz., $3.50; 100, $25.00

HODALY'S IDEAL

Vaughan's Flower Seeds

Condensed List for Fall Sowing

Cash Discounts on Flower Seeds: On all orders for flower seeds totaling less than $25.00; 5%, and over $25.00; 8% may be deducted if cash is enclosed.

"SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

SPECIAL OFFER—WHERE PRICE IS:

$1.00 per pkt., we supply any 3 for $2.50; any 5 for $3.50; any 7 for $4.55
$1.50 per pkt., we supply any 3 for $4.00; any 5 for $6.50
$2.00 per pkt., we supply any 3 for $5.00; any 5 for $7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (*) are best for early winter flowering.
Varieties followed by a cross (×) we can supply in ½ trade pkts. at 60c each.

Trade pkt.

NEW INTRODUCTIONS

Klondyke Supreme. Deep intense golden yellow with extra large individual florets, early and continuous bloomer $1.50

Mary Ellen (Yoder) is a light rose pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side growth and a long head with medium sized, evenly spaced florets 2.00

St. Louis Early Pink (Rowe). It is a beautiful shade of flesh pink, the well placed flowers being produced on wiry stiff stems. A minimum of lateral growths is produced, making it possible to set the plants close together in the beds. Comes in crop in December and blooms heavily through January and February. Flower spikes being 10 to 12 inches in length and the flowers do not shatter 2.00

Schaffroth's Pink. A beautiful soft rose pink. Early flowering, starting in early December and coming in full bloom at Christmas and will cut all through January. May be grown as a second crop which will be in fine flower for Mother's Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop. Received a Silver Medal at the New York Florist Club meeting, spring 1940. (500 seeds) 1.00

Windmiller's Lilac. Excellent orchid, true to type and color, early, hardy wiry stems, small foliage, productive. Has made good far and wide. Certificate New York Florists Club, February 12, 1940 ..... 2.00

Yellow Wonder. (Bezdek.) Early and free flowering. Has a good stiff stem, a fine commercial variety, and a beautiful yellow shade that strongly appeals to retailers. 2.00

BRONZE

***Afterglow.** Golden bronze ×. Better than New Dawn 1.00

***Early Glorious** (Windmiller). A highly attractive deep bronze shaded scarlet with closely set spikes. Fine for Valentine Day Sales 1.50

Kirkwood Beauty. Bronze with a cast of gold—a striking color 1.00

***Miss Wooster** (De Witt). The color is a dazzling rich dark bronze. Early blooming, the heads of blooms are very large and compact. It is an ideal shipping variety 1.00

***New Deal.** Very early, fragrant, golden bronze 1.00

***Sunlight.** Improved New Deal, finest early golden bronze 1.00

Talisman (Windmiller). Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination with other flowers 2.00

LAVENDER

Bertha Baur. Standard lavender 1.00

Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes. Spring flowering 1.00

Schumann's Lavender. A true color, produces a strong sturdy stem with a spike of large moderately close flowers. An early variety that will not shatter 2.50

ORANGE

Hodaly's Ideal. Color, a blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Good grower, strong stiff stem, well supplied with heavy luxuriant foliage. Large flowers, well formed heads. Winter-flowering strain, blooming in four months from seed 2.00

PINK

Cheviot Supreme Appleblossom (Windmiller). In color it resembles Verbena Mayflower. In late spring the color deepens to salmon-rose. Best in February. Does not shatter 1.50

Daybreak (Breitmeyer). Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer 1.00

Marie Louise (Raasch). Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set 2.00

***Peggy Schumann** (Schumann). A new medium pink, a large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots. An early bloomer 2.00

Radiance (Thomson). A lovely, deep pink 1.00

Rose Queen (Witterstaetter). Dark pink × 1.00

ANTIRRHINUM for Greenhouse Forcing— Trade pkt.

Pink-Continued

Terry's Surprise, Improved. Pink and bronze shades..... $1.00

Winter Helen. Lovely salmon-pink, early and winter bloomer..... 1.00

RED

Velvet Beauty. Rich American Beauty red in color..... 1.00

Velvet Supreme. Warm crimson red selection from Velvet Beauty; a live glowing color in spring..... 1.50

ROSE

***Cheviot Maid, Supreme.** Deep rose-pink X..... 1.00

***Christmas Cheer.** (Windmiller). Conceded the best early pink. Easy to grow, sure to bloom, pleasing color, good at any time. First cross hybrid from Rose Pink Cheviot. Try this under artificial light..... 2.00

Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads..... 1.50

La France (Windmiller). True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem and a favorite with everyone. Will surely take front rank when known. Certificate N. Y. Florists Club February 12, 1940..... 2.00

New Cincinnati. The finest light rose..... 1.00

***Rose-Pink Cheviot Supreme** (Windmiller). Early, hard, wiry stems, small foliage, excellent keeper and shipper, intense color. Best in January..... 1.50

WHITE

Captor. Pure white, fair habit..... 1.00

Cheviot Maid Pure White. (Yoder). Flowers well placed. 1.00

***Lucky Strike.** Well known pure white, grows three to four feet with splendid full spike of flowers; does not drop or shatter X..... 1.00

Lucky Strike Improved. Earlier than the original. A good producer..... 1.50

Marion White (Schumann). A real white, large close flowering spike off a strong, sturdy stem, throwing small foliage 1.50

Snow White (Windmiller). Late white for Easter and Mother's Day. A glorious white for weddings and church decorations. Stately spikes of white on long stems..... 1.50

Westover's Fringed White. A great favorite in the East, should be sown in May or early June for winter flowering. 1.00

***White Prosperity.** A pure white..... 1.50

***White Wonder** (Bezdek). A fine pure white. Free and early flowering..... 1.00

YELLOW

***Ceylon Court.** Canary Yellow. Our introduction..... 1.00

Cheviot Maid. Yellow. (Volz)..... 1.00

Coate's Yellow Perfection. Deep golden yellow. Spring flowering..... 1.00

***Ethel** (Kramer). Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow, early and shatterproof..... 1.50

Gorgeous (McFarland). Outstanding new yellow, slightly lighter than Coate's Yellow. Large individual flowers forming spikes 15 to 20 inches long. Excellent for use after Mums. Sow after August 15th..... 2.00

Roman Gold. A deep golden yellow with a lip a lighter yellow X..... 1.00

Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth..... 2.00

***Suntan.** Rose shade of tan with tinge of yellow on lip X.. 1.00

Greenhouse Varieties Mixed. With pinks predominating. .75

Begonia Fibrous-Rooted

These Begonias make excellent spring flowering plants in small pots or for combination use.

Gracilis Luminosa. Deep dark scarlet, foliage reddish brown, 10 in.....1/32 oz., $1.80; 1/16 oz., $3.00 1.00

Dwarf Luminosa. Extra dwarf, scarlet. Fine for pots. 8 in.....1/32 oz., $3.60; 1/64 oz., $2.00 1.00

Carmen. Bright rose flowers, bronze foliage.....1/64 oz., $1.80; 1/32 oz., $3.20 1.00

Carmen Scarlet—see Indian Maid.

Carmen White.....1/64 oz., $1.40 1.00

The Carmen varieties are very attractive, especially under electric lights, on account of bronze foliage.

BEGONIA Gracilis

BEGONIA GRACILIS—Continued Trade pkt.

Fireball. Fiery crimson, 10 in..... $0.50

Indian Maid. 10 in. Bright deep scarlet buds and flowers with deep bronze foliage.....1/64 oz., $2.00 1.00

Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in.....1/32 oz., $2.00 1.00

Radio (Rundfunk). Large flowered, shining, pure carmine-scarlet green foliage.....1/32 oz., $2.20 1.00

White Pearl. White, 10 in.....1/32 oz., $1.50 .50

Christmas Cheer Red. A very large-flowered variety, color, dark crimson-scarlet green foliage.....1/64 oz., $1.40; 1/32 oz., $2.20 1.00

Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink.....1/32 oz., $2.40 1.00

Semperflorens Albert Martin. Bright carmine, very large flowers, 14 in.....1/32 oz., 1.00 .50

Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive. Same color and dwarf habit as Pink Pearl..... 1.00

Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink and white center. Foliage clear green..... 1.00

Enchantress. Fresh rose color..... .50

Fire Sea (Blaze of Fire). Red flowers, green foliage. 8 in.. 1.00

G. Knaacke. Glowing salmony pink.....1/32 oz., $1.40 .50

Glow. Foliage bronze, flowers glowing scarlet.....1/64 oz., $1.50 1.00

King of the Reds. Very dwarf, glowing scarlet, bronze foliage. Same color and habit of Red Pearl..... 1.00

Lightning (Thunderbolt). Large flowers 2 in. across and deep carmine scarlet shade. 10 in..... 1.00

Heterosis Essen, 1938. The buds are a bright cherry red, turning to amaranth cerise as they open. The plant branches freely and is of dwarf habit..... 1.00

Little Midget. A remarkably early and willing bloomer. Plants when only an inch or two in height flower freely. Color a pretty dark carmine..... 1.00

Rosabella. Light rose..... 1.00

Salmon Queen. Large salmon red blooms, 12 in.....1/32 oz., $1.50 .50

Scandinavia. A new outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering. 3 Trade Pkts. $4.00..... 1.50

Winter Romance. Carmine pink flowers, light green foliage..... 1.00

Special Mixture of Bedding Begonias.....1/32 oz., $1.00 .50

Browallia

Speciosa Major Blue. A very free flowering plant for indoor blooming. Flowers size and color of single violets. Sow in early fall and give carnation temperature. Trade pkt., 35c; 1/16 oz., $1.00.

TYPE OF GREENHOUSE CALENDULA

Calceolarias

New Choice Varieties

Tr. pkt.

Golden Charm. A cross between C. Grandiflora and Rugosa Flower Cloud. A golden-yellow with a rich, fine, reddish tiger dusting. Fully as free-flowering as Flower Cloud. Habit semitall, and of healthy habit and foliage..... $1.00

Tausendschoen. Also a cross of C. Rugosa and Grandiflora. Of great freedom of bloom and splendid habit. Color of flower rich golden-yellow with beautiful markings of reddish-brown. Award of Merit at the Stuttgart Flower Show . . 1.25

Scarlet Flame. Of the same origin as above. An entirely new development of this type. A rich, warm scarlet. Highly recommended..... 1.50

Calendula Forcing Varieties

	Trade pkt.	Oz.
Ball Apricot. Light straw or buff color with showy dark center.		
Ball Gold. Has long stem and extra large, uniformly double flowers. Light eye.		
Ball Lemon Queen. Deep lemon yellow with attractive dark eye.		
Ball Improved Long Orange. Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange.		
Ball Long Orange. Long-stemmed, bright golden orange, light center.		
Ball Masterpiece. Extra long-stemmed deep orange with brown center.		
Ball White (Moonlight). The lightest in color of all the Calendulas, being a beautiful soft cream yellow.		
Each of the above Ball Varieties..... ¼ oz., 60c; 2 oz., $3.50; 4 oz., $6.50; lb., $20.00	$0.40	$2.00
Ball Varieties. Mixed..... ¼ oz., 50c	.30	1.50
Vaughan's Improved Sensation (Campfire). Long stems, very double, brilliant orange flowers. The blooms are very flat in shape. ¼ oz., 60c; 2 oz., $3.50	.40	2.00

Chinese Forget-Me-Not

	Trade pkt.	Oz.
Cynoglossum Amabile, Blue Bird. A lovely plant 18 to 24 inches tall, with bright blue flowers. May be grown either outside or under glass. Makes wonderful cut flower..... ¼ oz., 25c	$0.15	$0.80
Amabile. Pink.....	.15	.50
Fairy Blue. Attractive deep Cambridge blue...	.15	.40
Firmament. Fifteen to eighteen inches tall, bushy, of a rich blue color..... ¼ oz., 50c	.25	1.60

Candytuft

Use for inside or may be sown outside late in fall just before frost.

	Tr. pkt.	Oz.
Giant Hyacinth-Flowered. Select, Pure White. This is a superior strain; it grows about 1½ feet high, with enormous trusses of blooms. The best strain in existence for florists use. ½ oz., 40c; 4 oz., $2.25; lb., $7.50	$0.20	$0.75
Coronaria Empress. White. For outdoor planting in the south..... lb., $2.40	.10	.25
Umbellata Carminea. Carmine, 12 in..... lb., 3.60	.15	.40
Alba. White, 12 in..... lb., 3.60	.15	.40
Flesh-Pink 12 in..... lb., 3.60	.15	.40
Lilacina. Lilac, 12 in..... lb., 3.60	.15	.40
Purpurea. Crimson, 12 in..... lb., 3.60	.15	.40
Rose Cardinal. Rose-pink, 12 in..... lb., 5.00	.15	.50
Vaughan's Special. Mixed..... lb., 5.00	.10	.50

Super Giant Centaurea Cyanus (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting. Excellent for sowing outside very late in fall, just before frost for blooming in spring, and for inside use.

	Trade pkt.	Oz
Black Boy. Blackish maroon..... 4 oz., $1.50	$0.15	$0.50
Blue Boy. Rich deep blue, very large flowers..... lb., $4.80; 4 oz., 1.40	.15	.40
Pinkie. Deep pink..... lb., $4.80; 4 oz., 1.40	.15	.40
Red Boy. Deep red..... 4 oz., 1.40	.15	.40
Snowman. Best white..... 4 oz., 1.40	.15	.40
Vaughan's Mixture of Super Giant New Varieties Mixed..... 4 oz., $1.40	.15	.40
CINERARIA Maritima Candidissima, for bedding; leaves silvery white.....	.15	.40
Maritima Diamond. Leaves pure white.....	.15	.60

Cyclamen Persicum Giganteum

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

	100 Seeds	1,000 Seeds
Bonfire. Brilliant salmon.....	$1.85	$16.50
Bright Red.....	1.25	11.00
Dark Blood Red.....	1.25	11.00
Lavender.....	1.25	11.00
Morning Red (Sunrise). Light salmon, dark eye...	1.60	13.00
New Ruffled Mixed.....	2.20	20.50
Orange Beauty. Orange vermilion.....	2.00	18.50
Pink Pearl. Salmon pink.....	2.00	18.50
Pure Rose.....	1.25	11.00
Pure White.....	1.25	11.00
Rococo Erecta Mixed. Large fringed flowers.....	1.75	14.50
Saffron Red.....	1.50	12.00
Saffron Red Silver Edge.....	1.85	16.50
Salmon Scarlet (America Improved).....	2.20	17.50
Salmon Rose Improved.....	1.65	14.50
Salmon Dark. (Glory of Wandsbek or Perle of Zehlendorf).....	1.65	13.00
Salmon Light (Rose of Zehlendorf).....	1.65	13.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal).....	1.25	11.00
White with Carmine Eye.....	1.25	11.00
White Crested.....	1.75	14.50
Binnewies Strain Mixed.....	1.20	10.00
Baardse's Wonder. Salmon flowers bordered white, compact habit of plant, free bloomer.....	1.65	13.00

Double Cyclamen

It is a full double petaled flowering strain, the individual flowers averaging 10 petals. Seed from originator.

Admiration.—A beautiful salmon rose with shaded eye.

Cerise Brilliant—Rich cerise red.

Prosperity—An azalea type, flaming rose color, extra fine and a heavy bloomer.

Rosea—A soft rose with a coral cast shading lighter at tips.

Four Varieties Mixed.

Each of the above four and mixed, 100 seeds, $2.50; 250 seeds, $5.75; 1,000 seeds, $20.00.

	Tr. pkt.	Oz.
DRACAENA Indivisa. Narrow green leaves. lb., $4.00	$0.15	$0.40
Australis. Green and red colored leaves....	.20	.90

Delphinium

PACIFIC GIANT (Vetterle and Reinelt). This new strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market.

Black Knight Series. The darkest of them all. Individual flowers of beautiful round form, with heavy velvety texture, which gives the color luminosity and vividness not seen before. Trade pkt., $1.25; ⅛ oz., $3.00.

Blue Bird. A clear medium blue with huge tall spikes. The most outstanding novelty. 100 seeds, $1.25.

Blue Jay—Medium to dark blue with dark bee. Trade pkt., $1.25; ⅛ oz., $3.00.

Cameliard Series—This is a pure lavender self, with white bee, possessing classical perfection of form of the individual flowers, which are very round and flat. Trade pkt., $2.00; ⅛ oz., $4.00; ¼ oz., $7.00; oz., $24.00.

Galahad Series. Clear white flowers with very heavy glistening texture, pyramidal spikes with well spaced flowers, good branching habit. Trade pkt., $2.00; ⅛ oz., $4.00; ¼ oz., $7.00; ½ oz., $14.00; oz., $24.00.

Guinevere. Light pink lavender self with white bee. Individual floret 2½ to 3 inches in diameter, large spikes. Excellent branching habits. Color of Stock Silvery lilac—outstanding market variety. Trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00; oz., $14.00.

King Arthur. Brilliant royal violet with large white bee. Individual florets 2½ inches in diameter, very thin woody stems with small foliage. Very long graceful spikes. Excellent for both cut flowers and show purposes. Trade pkt., $1.25; ⅛ oz., $2.50.

Lancelot Series. Pure lilac self with white bee. The growth has all the desirable characteristics making it an ideal cut and show flower. Trade pkt., $2.00; ⅛ oz., $4.00; ¼ oz., $7.00.

Summer Skies. Clearest light blue with white bee. Individual florets 2 to 2½ inches in diameter. Ideal for cut flower purposes. Trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00.

Clear White. Individual florets 2 to 2½ inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant. Trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00; oz., $14.00.

Pacific Giant Dark Blue Shades.
Pacific Giant Light Blue Shades.
Pacific Giant Lavender Pastel Shades.
Pacific Giant Mixed. This is a mixture of the above 3 and white.
Each of above 4: Trade pkt., $1.00; ⅛ oz., $2.00; ¼ oz., $3.50; ½ oz., $7.00; oz., $12.00.

DIDISCUS COERULEUS. Vaughan's Improved Wilt Resistant Blue Lace Flower. An improved variety with flowers of a deeper blue and half again as large. Not over Carnation temperature needed. Trade pkt., $1.00; ⅛ oz., $1.50; ¼ oz., $2.50; oz., $8.00.

EXACUM. Affine. An easily grown pot plant with very fragrant flowers of bluish lilac color with yellow stamens. Excellent for basket work. 6 in. Trade pkt., 50c.
Affine Atro-Coeruleum. Dark blue. Trade pkt., $1.00.

	Trade pkt.	Oz.
GERBERA Jamesonii Hybrids. New Flowerland Strain (Transvaal Daisy). The Daisy-like blossoms, 2 to 4 inches across, being borne on long stems, are unsurpassed as cut flowers.....1,000 seeds, $3.00; 100 seeds, 40c	...	....
GREVILLEA Robusta. Silk Oak. Good for fern dishes and combination planting.....Lb., $8.00	$0.15	$0.80
GYPSOPHILA Elegans. Grandiflora Alba (London Market strain). Ours is the improved 8-9 overlapping petal strain. Pure white, not to be confused with the ordinary 4-5 petal stock. May be sown outdoors just before frost for early blooming next year.....¼ lb., 50c; lb., $1.60; 5 lb., $6.50	...	.20
Carminea. Carmine, better than Rosea..lb., 2.40	.10	.25
Crimson.....lb., 2.40	.10	.25

Lobelia

	Trade pkt.	Oz.
Erinus Crystal Palace Compacta. 4 in. Deep blue, dark foliage.....¼ oz., 50c	$0.25	$1.80
Compacta Blue Gown. Clear deep blue, without eye, fine compact habit.....¼ oz., 70c	.25	2.60
Blue Stone Re-selected. Compact habit, large flowers, brilliant mid-blue.....¼ oz., 75c	.25	....
Opal. Rich opal blue, large flowered.⅛ oz., 40c	.25	....
Mrs. Clibran. Deep blue, white eye..¼ oz., 80c	.35	....
Sutton's Cambridge Blue. Light blue with green foliage.....¼ oz., 85c	.35	....
Speciosa. Dark flowers and foliage, 10 in. ¼ oz., 25c	.15	....
Pumila Splendens, Bedding Queen. Dark blue, white eye dwarf, 4 in.....¼ oz., 60c	.25	2.00
Pendula Sapphire. For hanging baskets; large deep navy-blue with white eye.....¼ oz., 50c	.25	1.60

Annual Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

	Tr pkt	Oz.
Hartwegii. Dark Blue, Oxford-Blue, 24 in. lb., $3.00	$0.10	$0.30
Albus. White.....lb., 3.00	.10	.30
Light Blue. Cambridge-Blue .....lb., 3.00	.10	.30
Rose Queen. The color is rose-pink.....lb., 4.00	.15	.40
Mixed.....lb., 2.00	.10	.20
Giant or King Lupinus. This improved new giant strain reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant.		
King Dark Blue.....lb., $5.00	.15	.50
King Sky-Blue.....lb., 5.00	.15	.50
King White.....lb., 5.00	.15	.50
King Mixed.....lb., 5.00	.15	.50
Sulphureus Superbus. Annual Yellow. Takes well of the Chicago market, 28 in.....lb., $4.00	.15	.40

Marigolds

Seeds sown in early fall and grown on cool, produce plants which will be in full flower for the holidays. Plant in shallow soil and space plants 12 inches each way.

TALL AFRICAN DOUBLE FISTULOSA, 3 ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

	Trade pkt.	Oz.
Lemon Queen, Los Angeles Florist Strain. All double.....4 oz., $5.00; ¼ oz., 50c	$0.25	$1.60
Prince of Orange, Los Angeles Florist Strain. All double.....4 oz., $5.00; ¼ oz., 50c	.25	1.60

TALL AFRICAN DOUBLE IMBRICATED

Guinea Gold. Orange flushed gold, producing many medium sized flowers. 2½ ft..4 oz., $4.00; ¼ oz., 40c	$0.20	$1.40
Yellow Supreme. Broad, loose-frilled petals, rich creamy yellow, honey fragrance. 2 ft.....4 oz., $4.00; ¼ oz., 40c	.20	1.40
Lieb's Winter Flowering. Mahogany brown with golden yellow crested center.....¼ oz., 60c	.35	2.00
Lieb's Winter Flowering Sunshine. Golden orange, yellow center.....¼ oz., 60c	.35	2.00
Australian Tall Tree. 4½ ft. Golden yellow and brown. Latest for winter blooming.....¼ oz., 35c	.15	1.00

ANNUAL LARKSPUR GIANT IMPERIAL

Annual Larkspur

Larkspurs are one of the annuals which have been introduced successfully as a greenhouse cut-flower proposition recently. The ease of culture, short time of production and low initial cost of seed make this one of the best catch crops a florist can plant. Can also be sown outdoors just before freezing for early spring flowering.

To get satisfactory germination from Larkspurs in the hot summer, it is necessary to chill the seeds in an ice box for several days before sowing. Larkspurs must be grown cool.

GIANT IMPERIAL OR BASE BRANCHING—4 ft.

A race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

Blue Bell. Fine medium blue, deeper than sky blue, lighter than lilac.
Blue Cockade. Rich lilac blue.
Blue Spire. Dark blue.
Carmine King.
Coral King. Blush pink with a suffusion of coral.
Daintiness. Delicate lavender.
Dazzler. Rich scarlet.
Exquisite Pink Improved. Salmon-pink.
Gloria Improved. Rich deep rose salmon.
Lilac Spire. Beautiful lilac color.
Los Angeles. Salmony scarlet.
Miss California. Deep pink on salmon.
White King. Glistening pure white.

Each of the above. Trade Pkt., 25c; oz., $1.00; lb., $10.00.

Giant Imperial Vaughan's Special Mixed. All colors. Trade Pkt., 20c; oz., 80c; lb., $8.00.

		Trade pkt.	Oz
Montrose. The color is a clear rose-pink. The florets are exceptionally large, well and closely set on wiry spikes that are 3 to 4 feet long	¼ oz., 60c	$0.30	$2.00
Rosalind. Rose with just enough suffusion of salmon to create a most pleasing new shade of rose-pink.	¼ oz., 60c	.30	2.00

STOCK-FLOWERED—4 ft.

Dark Blue.
Empress Rose. Hermosa pink.
La France. Salmon pink.
Lilac Supreme. Deep lilac.
Newport Pink.
Rosamond. Pure rose.
Rose Queen. Deep rose pink without salmon shading.
Sky-Blue (Ageratum Blue).
White.

Each of the above, Trade Pkt.,20c; oz., 50c; lb., $5.00.

Stock Flowered Vaughan's Special Mixed. Trade Pkt., 15c; oz., 40c; lb., $4.00.

Mignonette

		Trade pkt.	Oz.
True Machet. Vaughan's Selected Stock.	¼oz. 25c	$0.15	$0.80
New York Market. Greenhouse grown seed. This is an extra choice strain of Mignonette for greenhouse culture		1.00	.....

Myosotis (Forget-Me-Not)

Alpestris Blue Basket. This is the darkest of all Forget-Me-Nots. Plants grow upright and are splendid for borders or cutting. Trade pkt., 25c; ¼ oz., 60c; oz., $2.00.

Blue Eyes. Compact grower, flowers appear early, large bright blue with white eye. Trade pkt., 25c; ¼ oz., 75c; oz., $2.40.

Victoria. Dwarf globular strain. 8 in.:		Trade pkt.	Oz.
Indigo Blue. Fine dark blue	¼ oz., 60c	$0.25	$2.00
White		.25	....
Rosea. Pink	¼ oz., 70c	.25	2.40

Stricta Blue Bouquet. A compact upright grower of the pillar or column type, completely smothered with attractive flowers of blue. Trade pkt., 25c; ¼ oz., 75c.

Pink Bouquet. A companion to the above, only the flowers are a charming pink shade, splendid for pots or cut flower purposes. Trade pkt., 25c; ¼ oz., 60c; oz., $2.00.

Indigo Blue Bouquet. Dark Blue. Trade pkt., 25c; ¼ oz., 70c.

Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding. Trade pkt., 35c; ¼ oz., 85c; oz., $2.85.

Hybrida Ruth Fisher. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage. Trade pkt., 50c.

Pansies

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, yellows, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 50c; ⅛ oz., $1.00; ¼ oz., $1.80; oz., $6.00; 2 oz., $11.50; 4 oz., $20.00; lb., $70.00.

VAUGHAN'S SUPER SWISS GIANT MIXTURE

We have made a special mixture from three or four growers' stocks. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers Trade pkt., 75c; ⅛ oz., $1.20; ¼ oz., $2.10; ½ oz., $3.75; oz., $7.00.

GENEVA GIANT MIXED

A special selection of Swiss Giants. The seed we supply is from the originator in Geneva, Switzerland. Trade pkt., $1.00; ⅛ oz., $2.25; ¼ oz., $4.20; oz., $16.00.

VAUGHAN'S DWARF SUPER SWISS MIXED

Special selection of Geneva Giants of dwarf habit. Rich assortment of colors. Trade pkt., 50c; ⅛ oz., $1.00; oz., $7.00.

SWISS DWARF MIXED

For those who desire a dwarfer plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., 50c; ⅛ oz., $1.00; ¼ oz., $1.80; oz., $6.00; 4 oz., $20.00.

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 50c; ⅛ oz., $1.00; ¼ oz., $1.80; oz., $6.00; 4 oz., $20.00; lb., $70.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE
"CANADIAN GIANTS"

This strain is even finer than the above, with flowers of unbelievable size and texture, larger than in any other strain, the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 75c; ⅛ oz., $1.50; ¼ oz., $2.50; oz., $9.00.

PANSIES—Continued

GIANT MIXTURES

Vaughan's Long Stemmed Winter-Flowering Reselected Mixed. This strain is the result of a great amount of individual plant selection work and represents the finest strain of Long Stemmed Pansies that we have ever seen. It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of very good substance and sweet scented. Sow in summer for Midwinter blooming and give support early. Trade pkt., $1.00; ⅛ oz., $2.00; ¼oz., $3.50.

VAUGHAN'S GIANT MIXTURE

Besides a good share of the "Fancy" strains such as Masterpiece, Swiss Giant, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type. Trade pkt., 50c; ¼ oz., $1.25; oz., $4.00.

VAUGHAN'S INTERNATIONAL MIXTURE

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Boulogne Giants—all 3- and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., 50c; ⅛ oz. 90c; ¼ oz., $1.65; oz., $6.00; 4 oz., $20.00.

America, Ideal Bedding or Basket Pansy (Improved Donovan). Good substance with wide color range. Free-flowering. Trade pkt., 50c; ¼ oz., $1.80; oz., $6.00; 4 oz., $20.00; lb., $70.00.

Boulogne Giant Mixture. The flowers are of large size, great substance. Trade pkt., 50c; ⅛ oz., $1.40; ¼ oz., $2.60.

Donovan's Strain. Used by Michigan growers. Trade pkt., 50c; ¼ oz., $1.40; oz., $5.00.

Engelmann's Special Mixture. Scottish show type, immense flowers, bronze and reddish shades, compact and early flowering. Trade pkt., 50c; ⅛ oz., $1.20; ¼ oz., $2.25; oz., $8.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 50c; ⅛ oz., $1.20; ¼ oz., $2.25; oz., $8.00.

Orchid-Flowered Eldorado Art Shades. A lovely type, including only pretty tints and combinations of cream, primrose, pale mauve and other delicate shades, the well formed flowers being exquisitely frilled. These delicate shades should not be mixed with stronger colors. Trade pkt., 35c; ¼ oz., $1.25; oz., $4.00.

Jumbo Mixed. Extra large and early; long stemmed flowers. Trade pkt., 50c; 1/16 oz., $1.00; ⅛ oz., $1.75; ¼ oz., $3.25; oz., $12.00.

PANSY MIXTURES—Continued

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 25c; ¼ oz., 60c; oz., $2.20.

Trimardeau Mixed. Many colors. Trade pkt., 15c; ¼ oz., 30c; oz., $1.00; lb., $12 00.

Triumph of the Giants. A mixture of brilliant colored varieties. Trade pkt., 35c; ¼ oz., 85c; oz., $3.00.

True Scotch Show Mixture. Fancy mixture in excellent range of colors, including carmine, ruby and brown, all beautifully blotched, with flat substantial flowers. Short habit, large leaves. Trade pkt., 50c; ¼ oz., $1.80; oz., $6.00.

SWISS SEPARATE SORTS

		Trade pkt.	¼ Oz.	Oz.
Swiss Alpenglow. Rich wine-red shades	⅛ oz., $1.00	$0.50	$1.75	$6.00
Swiss Berna. Dark violet-blue	⅛ oz., 85c	.50	1.50	5.00
Black Monarch. Blackish blue with dainty clear blue markings	⅛ oz., 85c	.50	1.50	5.00
Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches. Ideal for cemetery planting.	⅛ oz., 85c	.50	1.50	5.00
Swiss Coronation Gold. Flowers canary-yellow with lower petals flushed golden orange, round flowers as much as 3 in. across, with slightly ruffled edges. This is the best pure yellow pansy	⅛ oz., 85c	.50	1.50	5.00
Swiss Luna. Soft sulphur yellow, round substantial flower with frilled edge. A delicate and lovely color, varies	⅛ oz., $1.25	.50	2.25	8.00
Swiss Ophir. Blotched golden yellow	⅛ oz., $1.00	.50	1.75	6.00
Swiss Pure White. Very free-blooming, large, well shaped flower. The best pure white Pansy	⅛ oz., $1.00	.50	1.85	7.00
Swiss Rhinegold. Canary-yellow with dark blotches	⅛ oz., $1.00	.50	1.75	6.00

SEPARATE SORTS

	Trade pkt.	¼ Oz.	Oz.
Adonis. Light blue, white center	$0.25	$0.40	....
Apollo. Bronze	.25	.50	$1.60
Beaconsfield. Deep purple, upper petals white	.25	.40	1.40
Black. Large flowered, true black	.25	.40	....
Blue Boy (Early Flowering). Clear, pure silvery lilac	.25	.40	....
Bugnot. Shades of red, bronze and cardinal	.25	.70	2.40
Cardinal. Brilliant red	.25	.60	....
Delft Blue. Porcelain-blue ⅛ oz., 90c	.50	1.65	6.00
Emperor William. Dark navy-blue	.25	.40	1.40
Fanal. Scarlet without an eye ⅛ oz., $1.00	.35	1.20	4.00
Fire Beacon. Very unusual shade, bright wallflower red with a touch of orange ⅛ oz., $1.25	.50	2.25	8.00
Golden Queen. Yellow without blotches	.25	.40	1.40
Madame Perret. Shades of pink and rose	.25	.40	1.40
Orion Early flowering. Deep golden yellow blotched	.25	.75	2.50
President McKinley. Golden yellow, five spotted	.25	.60	2.20
Prince Henry. Darkest blue	.25	.40	....
Purple. Very large, rich deep purple	.25	.40	1.40
White with Dark Eye. Very large	.25	.40	1.40
White, Pure. Without blotches	.25	.40	1.40
Yellow with Black Eye	.25	.40	1.40

Primula New Giant Malacoides

Double Fairy Jewels. The color is a lovely rich rose pink, slightly deeper in the center than the outer or older petals. The strain comes 90% to 95% double from seed.

Trade Packet (about 1,000 seeds), $1.50

Enchantress. A beautiful, soft salmon rose. The well rounded, beautifully formed flowers are ⅞ to 1 inch in diameter and produced in unbelievable profusion. A well grown plant will have 50 or more heavy stemmed spikes. Trade Packet (about 1,000 seeds), $1.50.

Snow Flake. Has flowers of the purest shimmering snow white one can imagine. Its beautifully formed 1-inch florets adorn the stately stems like glistening jewels sharply high-lighted by the lush green foliage. Trade Packet (about 1,000 seeds), $1.00.

Mixture. Contains all of the above single varieties, together with a good many others still in the developmental stage. Among these is a most delightful bicolor pink and white which will be ready for introduction as a separate variety within the next year or two. Trade Packet (about 1,000 seeds), $1.00.

Petunias

GIANT-FLOWERING SINGLE

The flowers in this section measure from 5 to 7 inches across.

DWARF CALIFORNIA GIANTS IMPROVED

(Vaughan Blend). See Illustration on back Cover.

This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. This "Vaughan Blend" is a mixture of seeds from two of Europe's best Petunia growers, whose cultures we have inspected many times. ½ Trade pkt., 75c; Trade pkt., $1.25; 1/64 oz., $2.25; 1/32 oz., $4.00; 1/16 oz., $7.00.

Dwarf California Giants. Dark Selection. This is a favorite with many growers and it has given universal satisfaction. ½ Trade pkt., 60c; Trade pkt., $1.00; 1/32 oz., $3.20; 1/16 oz., $5.50; ⅛ oz., $10.00.

Dwarf Giants of California. Ramona Strain, Dark and Light Shades. A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats. ½ Trade pkt., 60c; Trade pkt. $1.00; 1/64 oz., $1.75; 1/32 oz., $2.75; 1/16 oz., $5.00.

	Trade pkt.	Oz.
Camilla. A beautiful, rose-pink; rich crimson veining forms a wide halo toward the center . . 1/64 oz., $1.20	$0.50	....
Copper Rose	.50	....
Copper Scarlet (Ruhm von Rieder). An outstanding variety in our trial ground. Ruffled giant analin red flowers with large throat	.50	....
German Empress. Lilac veined purple. 1/64 oz., 1.20	.50	....
★**Giants of California. Mixed.** This is a most superb mixture, not at all to be compared with the seed usually offered. 1/64 oz., $1.00; 1/32 oz., $1.80; 1/16 oz., $2.00	.50	....
Princess of Wuerttemburg. Rose	.50	....
Prince of Wuerttemburg. Rich dark red with dark throat . . . 1/64 oz., $1.20	.50	....
Salmon Beauty. (Marylyn). Bright salmon pink. . . . 1/32 oz., $2.80; 1/64 oz., $1.50	.75	....
Supreme Florist strain of Giants of California. A strain of rose and pink shades with large ruffled, shallow, open throated flowers freely produced on strong growing plants. . . . 1/32 oz., $2.40; 1/16 oz., $4.50	1.00	....
White. With yellow throat (Evening Star) . . . 1/64 oz., $1.20	.50	....
Ruffled Monsters in Mixture. ⅛ oz., $6.00; . . . 1/32 oz., $1.60: 1/64 oz., 1.00	.50	....

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

	Trade pkt.	Oz.
Columbia (New). Pleasingly attractive pink and white. Upright habit, for border work and cut. . . . 1/32 oz., $2.80; 1/64 oz., $1.50	$0.50	....
Dainty Lady. Dark cream. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed light golden-yellow flowers . . . 1/32 oz., $3.20	.50	....
Fluffy Ruffles. A very choice strain, finely fringed and ruffled mixture. . . . 1/32 oz., $1.25; 1/16 oz., $2.00	.50	....
Golden Jubilee. It has finely fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat with light bronze colored markings. Flowers are 3½ in. in diameter, free blooming. . . . 1/16 oz., $5.40; 1/64 oz., $1.50	.75	....
Royal Beauty (Marine). Rich deep velvety purple. . . . 1/64 oz., $1.40; 1/32 oz., $2.50	.50	....
Theodosia. Rosy pink with a clearly defined, golden throat . . . 1/64 oz., $1.20	.50	....
White Beauty. White fringed . . . 1/64 oz., 75c; 1/16 oz., $2.50	.50	....

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

Blue Beauty. Clear, deep blue. Flowers of extra large size on plants of vigorous growth . . . . 1/64 oz., $1.20	.50	....
Dwarf Pink Glory. Compact habit, pure flame rose pink . . . 1/32 oz., $1.80	.50	....
Giant Flaming Velvet. Vivid velvety blood-red comes 100% true . . . 1/64 oz., $1.20	.50	....
Dwarf Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected." . 1/64 oz., $1.00; 1/32 oz., $1.80; . . . ⅛ oz., $4.50; ¼ oz., $8.00	.50	....

PETUNIA Large Flowered Single Plain Edged.—Continued.

	Trade pkt.	Oz.
Purple Robe (Silver Seam). Silver edge blue black. A deep velvety violet, enhanced by a fine silver line, usually appearing at the edge of the flower. The best plain edged Royal Purple . . . 1/64 oz., $1.30	$0.50	....
Queen of the Market. Deep carmine red with a scarlet hue. Flowers fine shape and slightly waved. The nearest to a scarlet Petunia . . . 1/64 oz., $1.80	.50	....
Snow Storm. Flowers are the purest white and the uniformity of the dwarf compact growth is marvellous. We think this is one of the best large-flowered single white . . . 1/32 oz., $3.00; 1/64 oz., $1.75	.75	....
Violet Queen. Dwarf. An outstanding strain of large violet. Many growers consider this superior to Dwarf Elk's Pride. Supply very limited	.75	....
Vaughan's Best Mixture. Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias, both fringed and plain-edged, and will give the most satisfactory results. . . . 1/16 oz., $2.80; 1/32 oz., $1.50	.50	$42.00

LARGE-FLOWERING DWARF (Erfurt Strain)

Setting Sun. 12 in. Compact. Brilliant rose pink. The very best of its color. 1/64 oz., $1.50; 1/32 oz., 2.50	.50	....
White Cloud. 12 in. A great favorite on account of its dwarf compact habit . . 1/32 oz., $1.50; 1/16 oz., $2.65	.50	....

BALCONY PETUNIAS

The strong branching growth makes this type especially suitable for window or porch boxes and hanging baskets.

Balcony Black Prince. Deep rich velvety red. Free bloomer. Richer in color than Flaming Velvet. . . . ¼ oz., $1.70; ⅛ oz., $1.00	$0.35	....
Blue. A splendid strain . . . . ⅛ oz., 80c; ¼ oz., $1.50	.35	....
Carmine King . . . ⅛ oz., $1.00	.35	....
Cornflower Blue (Blue Wonder). Several shades lighter than the regular Balcony Blue . . ⅛ oz., 75c	.35	....
Copper Rose. A beautiful warm color, free bloomer.	.35	....
Queen (Blue Star). Blue and white . . . 1/32 oz., $1.50	.50	....
Rose . . . ¼ oz., 80c	.25	$2.80
Rosy Morn. The contrasting colors of pink with a white throat are beautiful . . . ⅛ oz., $1.00; ¼ oz., $1.80	.50	....
White . . . ¼ oz., 75c	.25	2.80
Balcony Mixed, the above . . . ¼ oz., 75c	.25	....

SINGLE SMALL-FLOWERED DWARF SORTS

Admiral. Re-selected. This is by far the best of the dwarf blue petunias. The flowers are of good size, have wavy edges and are of clear blue . 1/32 oz., $1.75	$0.75	....
Alderman. Reselected. Dark violet . . . . ¼ oz., 60c	.25	2.20
Blue Ball. Early flowering velvety violet blue. Dwarf and compact growth. One of the best ever offered . . . ¼ oz., $1.60	.50	5.00
Blue Bird. Deep violet, extra fine . . . . . ¼ oz., 60c	.25	2.00
Celestial Rose. A great improvement on Rose of Heaven, being more compact in growth and deeper in color. A beautiful rich satiny rose . . . 2 oz., $7.00; ¼ oz., $1.25; ⅛ oz., 75c	.35	4.00
Cockatoo. Velvety deep violet-purple with regular sized white spots and stars. 8 inch. . . . ⅛ oz., $1.20	.35	....
Dwarf Flaming Velvet. (King Henry). Large flowers of rich velvety blood-red. Very free flowering. Compact habit . ¼ oz., $7.50; ⅛ oz., $4.00; 1/32 oz., $1.20	.50	....
Glow. Compact ball-shaped variety of bright carmine-red with lighter throat. Extremely free-flowering of rich coloring . . . 1/32 oz., $2.50; 1/16 oz., $4.50; . . . ⅛ oz., $8.00; ¼ oz., $15.00	.75	50.00
Heavenly Blue. Re-selected. ¼ oz., $1.50; ⅛ oz., 90c	.50	4.80
Ladybird. Bright carmine overlaid with scarlet. Excellent pot plant, and suitable for bedding . . . . . 1/32 oz., $2.50; 1/16 oz., $4.50; ⅛ oz., $8.00	.75	....
Rose of Heaven Supreme. The best strain on the market . . . 1/16 oz., $1.20	.50	....
Rosy Morn. Select. Pink with white throat ¼ oz., 75c	.35	2.40
Rosy Morn Improved Dark Selection. Very attractive color, bright, and comes 100% true, deeper in shade than the original . . . ¼ oz., $1.25	.50	4.00
Salmon Supreme. Distinct light salmon color. Flowers about 1½ in. across with white throat and plain petals . . . 1/16 oz., $1.20; ⅛ oz., $2.00	.50	....
Snow Queen. White, compact . . . . . ¼ oz., 50c	.25	1.60
Twinkles. Masses of small, brilliant rose flowers with well-defined pure white star . . . . . ¼ oz., 50c	.25	1.80
Vaughan's Special Dwarf Mixture. Small-flowering sorts . . . ¼ oz., 70c	.25	2.40

PETUNIA ALL-DOUBLE DWARF GIANT

Double Petunias

ALL-DOUBLE VARIETIES

We offer Originator's seed only.

All-Double Amaranth Red.

All-Double Appleblossom (Daintiness). Soft salmon-pink flowers.

All-Double Dwarf Giant Fringed Pure White (Snowball).

All-Double Deep Velvety Purple. New, true rich purple velvet-like texture. Dwarf bushy plant.

All-Double Dwarf Carmine Glory. Brilliant carmine flowers (Mammoth Peony-flowered).

All-Double Dwarf Giant Fringed Loveliness. Clear pink. Very double compact habit.

All-Double Orchid Beauty. Dwarf Giant Fringed variety, averaging about 4 in. across on sturdy plants a foot tall. Color orchid or light lilac, heavily veined deeper lilac or violet. Contains semi-doubles but mostly full double.

All-Double Gaiety. Rose-red and white with beautifully frilled petals. Flowers three and one-half inches across.

All-Double Dwarf Rose-Carmine (World Beauty). Fringed bright carmine flowers.

All-Double Dwarf Giant Fringed Mixed (Victorious) (Vaughan's Formula Mixture.) The flowers are very large, exquisitely ruffled and fringed. Our mixture is made up entirely of separate colors.

Each of the above: 500 seeds, $1.25; 1000 seeds, $2.00; 3000 seeds, $5.00; 1/128 oz., $3.50; 1/64 oz., $6.50; 1/32 oz., $12.50; 1/16 oz., $22.50.

A Grand Petunia Novelty

All Double Dwarf Victorious Blue Brocade. A new, most important color has now been added to this class—**rich velvety-violet blue.** Coming almost 100% true in doubleness, the flowers are even in color, of extra large size and produced on dwarf bushy plants about 10 inches high. 500 seeds, $1.25; 1000 seeds, $2.00.

PLEASE NOTE:

Highly bred double petunia seed is not as vigorous in growth as is that of single strains. To some extent this lack of vigor extends to the seed. Seed of our all-double strains has been carefully tested in soil, and, if carefully handled, we know it will germinate 60-70%. For this reason and because of its high cost we cannot entertain claims of non-germination of this seed. If handled with due care, we know it will grow.

Phlox Drummondi Grandiflora

These grandiflora varieties make fine cut flowers. For best results, sow seed where you want them to bloom.

Alba. White.
Alba Oculata. White with dark eye.
Atropurpurea Alba Oculata. Deep red, white eye.
Brilliant. Rose with dark eye.
Chamois Rose. Carmine eye.
Cinnabarina. Brilliant red.
Flaming Velvet. Deep velvety red.
Isabellina. Yellow.
Kermesina Splendens. Crimson.
Rosea. Pink.
Stellata Lilacina.
Stellata Splendens. Scarlet with white eye.
Violet with white eye.
Violet Blue.

		Tr.pkt.	Oz
Each of above	¼ oz., 30c	$0.20	$1.00
Best large-flowering. Mixed. lb., $10.00; ¼ oz., 25c		.15	.90
Cinnabar Scarlet. Most vivid scarlet	¼ oz., 50c	.35	1.75
Gigantea Art Shades mixed	¼ oz., 50c	.25	1.60
Salmon Glory. Pure salmon pink with creamy white eye. New	¼ oz., 85c	.35	3.00
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others	¼ oz., 45c	.25	1.40

VAUGHAN'S BEAUTY

This fine strain of large flowering dwarf Phlox is especially recommended for pot culture, combination and border planting. The plants grow about 8 inches high, compact, and very free-blooming.

Alba. White.
Chamois.
Coccinea Scarlet.
Coerulea Striata. Bluestriped.
Delicata. Apricot pink, dark eye.

Each of the above. Trade pkt., 35c; ¼ oz., $1.00.

Phlox Vaughan's Beauty. Mixed. Trade pkt., 25c; ¼ oz., 70c oz., $2.40; lb., $28.00

Ranunculus

Sow seed from August to October in cold frame. They come up in from 2 to 3 weeks. Bloom from June to August. Are suitable for beds and borders, fine for pot culture, excellent for cutting and bouquets. May be forced in greenhouse. After bulbs have formed, grow on in well manured soil. Height, 1 ft.

		Trade pkt.	Oz.
Vaughan's Super Hybrids Mixed	¼ oz., $1.40	$0.50	$5.00
Double Camellia Flowered. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in.	¼ oz., $1.20	.50	4.00
Claremont Hybrid Sunset. Orange		.75	6.00
Bonnie Lassie. Pink		.75	6.00
Huntsman. Red		.75	6.00

Salvia Splendens

America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes	¼ oz., 60c; lb., $26.00	.35	2.00
Clara Bedman (Bonfire). Erect habit—the old standby, 16-inch	¼ oz., 50c; lb., $18.00	.25	1.80
Early Harbinger (Fire Brand). Northern grown seed. Of uniform type, about 15 inches in height, free and early flowering	¼ oz., $1.20	.50	4.00
Fire Charm. A very dwarf form of Fireball. Very early flowering, fine for planting combination baskets or boxes. This sort will flower in a two inch pot.	¼ oz., $1.75	.50	6.00
Fireball. Extra choice strain; free-flowering, 14-inch	¼ oz., 60c; lb., $24.00	.35	2.00
Vaughan's Masterpiece. Extra early, dwarf	¼ oz., $1.20; 4 oz., $13.00	.50	4.00

SCHIZANTHUS VAUGHAN'S DWARF MASTERPIECE

This is to our knowledge the best strain of Schizanthus in existence. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well-balanced from light pink to rose, very pleasing dark violet, all with conspicuous blotches. A splendid item for Mother's Day. Trade pkt., **50c**; 1/16 oz., **$1.00.**

		Trade pkt.	Oz
SCHIZANTHUS. **Vaughan's Excelsior Hybrids.** An extra select strain with large flowers containing a perfect blend of colors for greenhouse culture. Makes a fine cut flower	1/16 oz., $1.00	$0.50	.....

STOCK NON-BRANCHING COLUMN

Stocks

Varieties preceded by star (★) are the most popular colors.

Our Stock seed is secured from the most reliable growers, who devote much time and attention to roguing and selecting, and better seed cannot be had. We have furnished seed for many years to the most critical growers of this plant.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage," by S. L. Emsweller, will be included in all orders for Column Stock seed.

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

American Beauty. Deep rose.
★Ball Blue. Dark lilac blue.
★Chamois Pink.
Malmaison Pink. Beautiful shell pink.
Moonlight. Light yellow.
Ruby. Rich crimson red.
★Silvery Lilac.
★White tinged rose

★Ball Pink (No. 11). Light rose-pink, exact shade of Bismarck Rose. Long-stemmed flowers, well placed on stem. A very pleasing color.

Ball Rose Pink (No. 14). A deep selection from Ball No. 11; a rose-pink, not a deep heavy rose. Long-stemmed, therefore about ten days later than Ball No. 11. Good market color.

Lilac Lavender. Several shades darker than Silvery Lilac.

Each of the above: ½ trade pkt., 60c; trade pkt., $1.00; ¼ oz., $2.50; oz., $9.00.

Non-Branching Column. Mixed. All colors. ½ trade pkt., 60c; trade pkt., $1.00; ¼ oz., $2.50; oz., $9.00.

★Vaughan's White No. 1. By personal inspection this strain is, in our judgment, the finest pure white Non-Branching Column Stock in existence. ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $1.50; ¼ oz., $2.50; oz., $9.00.

Gardenia. New. Flowers of the purest white. Trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.50; ½ oz., $8.00; oz., $15.00.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood-Red "The Red Woods"
Blue "Pacific"
Chamois "Santa Barbara"
Lavender "Tahoe"
Pink "Monterey"
Rose "Yosemite"
Sequoia Rose carmine
Velvety Violet (Mojave).
White "Santa Maria"
Yellow "Golden Gate"

Each of the above, trade pkt., 35c; ⅛ oz., 65c; ¼ oz., $1.15; oz., $4.00.

Mixed, the above. **Trade pkt., 25c; ⅛ oz., 60c; oz., $3.40.**

IMPROVED GIANT BISMARCK (Early Giant Imperial)

One of the best Stocks, for both inside and outside planting. The plants grow in pyramidal form, about 2½ ft., are strong and robust and are covered with large double flowers. Plant close and take out center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Antique Copper Appleblossom. (Used by many for white).
★Buttercup. Deep golden yellow.
★Chamois **Dark Blue** **Elk's Pride.** Royal purple.
Flesh. Delicate pink. **Fiery Blood-Red**
Golden Rose **★Lavender** **★Lilac** **Old Rose** **★Rose**
★Shasta. Vigorous, glistening white.

		Trade pkt.	Oz.
Each of the above	⅛ oz., 60c; ¼ oz., $1.00	$0.35	$3.00
Giant Bismark, Mixed. All colors	¼ oz., 60c	.25	2.20

Early Colonial. Blooms earlier than other branching types, grows 30 to 36 in. tall. The individual florets are 2 inches across and they form clusters or spikes 15 inches long. The percentage of double runs about 70%.

Mayflower. Red rose.
Puritan. Pure white.
} Each, Trade pkt., 50c.

Sweet Peas Early-Flowering Spencer Novelties

SWEET PEAS SEQUOIA

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes. This list is compiled on the basis of hundreds of reports from our customers and our own information.

All our Sweet Pea seed sent to you will be treated with Cuprocide (red copper oxide), unless ordered without this treatment.

Sweet Pea seed treated with Cuprocide **must not be soaked before sowing.**

Bacchus. Mammoth flowered duplex on long, firm stems. Rich red maroon. ½ oz., 25c; oz., 35c; 4 oz., $1.25; lb., $4.00.

★**Bridesmaid.** A charming deep silvery pink with stems unusually long. ½ oz., 20c; oz., 30c; 4 oz., $1.00; lb., $3.40.

Cinderella. Pure, clear pale or silver blue. Blossoms very large and highly frilled. ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.40.

★**Daphne.** A soft salmon-pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards. ½ oz., 20c; oz., 30c; 4 oz., $1.00; lb., $3.40.

★**Hiawatha.** Exceptionally large deep rose self, throwing four blooms to a stem. ½ oz., 35c; oz., 50c; 4 oz., $1.50; lb., $5.00.

Iris. Deep "Iris Blue," with the widespread wings keeping to a bit lighter hue than the standard, which is very broad and quite wavy. Oz., 40c; ¼ lb., $1.25; lb., $4.80.

Othello. Deep maroon. ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.40.

Peeress. A robust growing; gives a heavy crop of blossoms. Color is pleasing clear rose cerise. Oz., 40c; 4 oz., $1.25; lb., $4.80.

★**Princess Blue.** Rich light blue. Oz., 40c; 4 oz., $1.25; lb., $4.80.

Rose Picotee. Pure white with salmon-rose edging or picotee. It is definitely a new color in the early group. Oz., 50c; ¼ lb., $1.40; lb., $5.00.

Fragrant Early Flowering Spencer Sweet Peas

Amethyst, Royal Purple.
Blue Bird, Violet-blue.
Fragrance, Large frilled lavender.
Giant Rose, Extremely large rose pink.
Harmony, Clear Lavender.
Laddie Improved, Light rose-pink.
Mrs. Herbert Hoover, Clear deep blue
Snowstorm Improved, Large pure white.

Sweet Pea Notes

As suggested by Mr. Anthony Maier, the well known Eastern Specialist on a recent visit to his range. For early sowing for winter flowering; sow first week in August the following:

Boon
Bridesmaid
Burpee's Lavender
Danube
Daphne (for late also)
Jeanne Mamitsch
Sequoia (for late also)
Triumph
White Champion

For late sowing for spring flowering the following:

Daphne (for early also)
Harmony
Laddie Improved
Michigan
Mrs. Holscher
Mrs. H. Hoover
Pride
Sequoia (for early also)
Skippy
Snow Queen
White Harmony

Sequoia is better than **Ball Rose Improved.**

Snow Queen is better than **Hope** for spring flowering variety as it retains the pure white color when the long days come.

The new "Intermediate" or "Spring flowering" should be sown in January as if it is sown earlier it is inclined to drop the buds. We will offer these in our 1941 catalog.

★**Sequoia.** A rich golden salmon-cerise pea, frilled and wavy. The flowers are enormous, on long stout stems. ½ oz., 20c; oz., 30c; 4 oz., $1.00; lb., $3.40.

★**Skippy.** Light salmon-pink. Oz., 50c; ¼ lb., $1.40; lb., $5.00.

★**Snow Queen.** Pure white, black seeded, opens and retains white color. Oz., 40c; ¼ lb., $1.25; lb., $4.00.

Sterling is a large duplexed salmon rose with an abundant array of four and five graceful duplexed flowers on strong, heavy stems. Each flower is beautifully formed and of almost a self color, having only a trace of silvery-white in its base. Oz., 40c; ¼ lb., $1.40; lb., $5.00.

★**Tahoe.** Both the wavy standards and ruffled wings have the same delightful shade of mid-blue. ½ oz., 20c; oz., 30c; 4 oz., $1.00; lb., $3.40.

★**Treasure Island.** A sparkling golden orange, very large flowered and semi-duplexed. ½ oz., 35c; Oz., 50c; ¼ lb., $1.50; lb., $5.00.

★**Triumph.** Lovely soft lilac-mauve. ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.40.

Vivian Zvolanek. Clear deep rose, long stemmed. ½ oz., 20c; 1 oz., 30c; 4 oz., $1.00; 1 lb., $3.40.

★**White Champion.** Best early-flowering white seeded white. Exceptionally long stems, carrying usually four flowers each. ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.40.

GENERAL LIST

EARLY-FLOWERING SPENCER

Any of the following, except where noted otherwise, ½ oz., 20c; 1 oz., 30c; ¼ lb., $1.00; lb., $3.40.

BLUE

Blue Bird. Violet blue. Fragrant.
Florist Blue. Pure blue.
★**Mrs. Herbert Hoover.** Clear blue. Fragrant.
Top Hat. Deep purple-blue.

CREAM

Oriental. Deep cream, black seeded large flowers.

LAVENDER

★**Burpee's Lavender.** Lovely light Wisteria lavender.
★**Danube.** Large, ruffled blooms of a clear lavender-blue, on long straight stems.
Fragrance (Intermediate). Large frilled lavender flowers, fragrant.
★**Harmony.** Most popular lavender.
★**Memory.** Rosy lavender.
★**Michigan.** A mammoth dark, pure lavender.
Vogue. Superseded by Memory.

ORANGE

★**Ball Orange Improved.** ½ oz., 20c; oz., 35c; ¼ lb., $1.20; lb., $4.00.
Forty-niner. Bright deep orange.
Sunproof Orange. Of a bright scarlet-orange hue—with a hint of more orange in the standard.
Valencia. Color bright orange, sunproof.
Zvolanek's Supreme Orange. Clear orange, large flowers, strong stems.

Sweet Peas—Early-Flowering Spencer—Continued.

Any of the following, except where noted otherwise, ½ oz., 20c; 1 oz., 30c; ¼ lb., $1.00; lb., $3.40.

ROSE AND PINK

Annie Laurie. Richest tone of pure rose-pink.
American Beauty. A rich crimson rose.
★Ball Rose Improved. Extra rich deep rose.
Columbia (Intermediate). Salmon-rose standard, white wings.
Delicious. Crushed strawberry color.
Eileen. Rich Begonia-rose with salmon shading.
Florist Rose. A pure rose-pink.
Giant Rose. Rose-pink. Fragrant.
★Jeanne Mamitsch. Striking pink, shading off to deepest pink.
Josie. Brilliant rose-pink, vigorous, large flowers; long stems.
★Laddie Improved. An enormous rose-pink. Fragrant.
Majestic Rose. Immense deep rose-pink flowers on long stems.
★Mrs. R. H. Holscher. Rose-pink.
★Pride. Pure cerise, large flowers on long stems.
Ramona. Coral rose with yellow and pink shadings.
Shirley Temple. A soft rose-pink. It has long stems.
Sonnet. The flowers are very large, a soft pink shade, borne on long stout stems by very vigorous growing vines.
Sunray. Brilliant glowing yet soft cerise on cream ground.
Titania. Mammoth flowered deep rose self, with white ground at the base. Oz., **40c; ¼ lb., $1.40; lb., $5.00.**

SALMON

★Apollo. A soft salmon-cerise. Fine spring bloomer.
Attraction. Bright salmon-pink.
★Boon. Deep salmon-pink on light cream ground.
Chime. Light salmon-pink on cream ground.
Emblem. Beautiful salmon-pink tone on the cream ground.
Mrs. Calvin Coolidge. Rich salmon-pink.
Zvolanek's Salmon. Salmon-cerise, large flowers, strong stems.

SCARLET

Grenadier. A glowing poppy-scarlet.
Red Bird. Bright crimson red.
Redwood. A deep, bright rich crimson.
Vulcan. Vivid scarlet.

WHITE

Burpee's White. Glistening white, sweet scented.
★Hope. A mammoth-flowered black-seeded pure white.
Snowstorm Improved. White, of great substance. Fragrant.
★White Harmony. A standard black-seeded white.

MISCELLANEOUS

Amethyst. An early-flowering "Royal Purple." Fragrant.
Elk's Purple. Long stemmed reddish purple.
Early-Flowering Spencer. Vaughan's Special Mixture from named sorts.

		Trade pkt.	Oz.
SHAMROCK. Sow early	lb., $5.00	$0.15	$0 50
SMILAX	lb., 5.00	.15	.50
STATICE Suworowii. Russian. Also known as "Rat Tail." Flowers bright rose color. Sow inside for winter blooming	4 oz., $2.00	.15	.60
STEVIA Serrata. White, fine cut-flower	¼ oz., 40c	.25	1 40
Lindleyana. White. Is very useful for florist work	⅛ oz., $1.00	.50	....
STREPTOCARPUS. Large-flowering Hybrids. Fine greenhouse and decorative subjects, producing a continuous succession of trumpet-shaped flowers, and embracing a wide range of color	1/64 oz., $1.80	1.00	....
THUNBERGIA. Mixed. Fine climber for window boxes and hanging baskets		.15	.60
Gibsoni. A lovely graceful climber for covering pillar and trellis work in greenhouses, or may be flowered outdoors in Summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange	100 seeds, $2.00		
	1000 seeds, $18.00	..	....
TORENIA Fournieri. Makes a fine pot plant for Mother's Day sales and very useful for combination baskets. Flowers blue with dark blotches on lip. 12 inch. Grown in southern states instead of pansies	¼ oz., 60c	.25	2.20
Geffion. Dwarf, deep blue	⅛ oz., 70c	.35	....
White Wings. Ivory, tinted rose	¼ oz., 75c	.25	....
TRACHELIUM Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. Sow in October-November. Height, 18 inch. Fine pot plant and flowers useful for cutting	⅛ oz., $1.00	.35	....

VERBENA Beauty of Oxford Hybrids

Verbena

		Trade pkt.	Oz.
Gigantea Beauty of Oxford Hybrids. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed	¼ oz., 70c	$0.35	$2.20
Alba. Very large, pure white	¼ oz., 50c	.25	1.60
Appleblossom. Almost white shading to cameo-pink on the edge	¼ oz., 70c	.35	2.40
Brilliant. Rich deep flame rose with medium sized white eye	¼ oz., 70c	.35	2.40
Cerise Queen. Salmon cerise	¼ oz., 70c	.35	2.40
Crimson Glow. A pure glowing crimson	¼ oz., 70c	.35	2.40
Etna. Geranium-red with a small creamy yellow eye	¼ oz., 50c	.25	1.80
Floradale Beauty. Large-flowered rose shades with salmon-rose predominating	¼ oz., 65c	.35	2.25
Lavender Glory. True lavender with creamy white eye. Fragrant. About 80% true	¼ oz., 65c	.35	2.00
Luminosa. Flame-pink, toning to softer shades of salmon flesh and coral	¼ oz., 50c	.25	1.60
Lucifer. Red	¼ oz., 50c	.25	1.60
Rosea Stellata. Pink, white eye	¼ oz., 50c	.25	1.60
Rose Cardinal. Bright red	¼ oz., 50c	.25	1.60
Royale. Royal blue with creamy eye	¼ oz., 70c	.35	2.40
Spectrum Red. Intense pure bright red	¼ oz., 50c	.25	1.80
Sutton's Giant Pink. Salmon pink	¼ oz., 50c	.25	1.80
Violacea Stellata. Violet, white eye	¼ oz., 50c	.25	1.80
Gigantea. Mixed	¼ oz., 40c	.25	1.40
Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut-flower sort and a symmetrical bedding plant. The flowers are very large, in many charming colors; 15-18 inch	¼ oz., 65c	.25	2.20
Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. ¼ oz., 75c; 2 oz., $4.00;		.25	2.40

Vinca Rosea

This seed should be sown early to secure salable plants in spring.

		Trade pkt.	Oz.
Rosea, Pink	¼ oz., 25c	$0.15	$0.80
Fl. Albo Oculata. White with pink eye	¼ oz., 25c	.15	.80
Alba Pura. Pure white	¼ oz., 25c	.15	.80
Delicata. Soft pink	¼ oz., 25c	.15	.80
Kermesina. Bright red, dark green leaves with red stems	¼ oz., 25c	.15	.80
Mixed	¼ oz., 25c	.15	.60

Hardy Perennial Plants

All Perennials Are Furnished in Strong Pot Plants or One-Year Field Roots, except as noted below.

Five or more of one variety at the ten rate. Twenty-Five or more at the hundred rate. Less than five at double the rate per hundred. Varieties marked X are Rock plants.

	10	100
ACHILLEA Crimson Beauty. Light crimson. 2 ft. June-Sept.	$1.00	$8.00
Ptarmica The Pearl. Double white, 1½ ft.	1.00	8.00
AJUGA Reptans. X. Dark blue. Compact. 4 in. May-June	1.25	10.00
ALYSSUM Saxatile Compactum. Yellow. 1 ft. May	1.15	9.00
ANCHUSA Myosotidiflora. X. Blue. 1 ft. April	1.00	8.00
Italica Dropmore. Blue. 5 ft. June-July	1.00	8.00
ANTHEMIS Tinctoria Perry's Variety. Yellow. 2 ft., all summer	1.25	10.00
Tinctoria Moonlight. Pale yellow. 2 ft., all summer	1.25	10.00

AQUILEGIA (Columbine)

Coerulea. Blue and white. 2 ft. June	1.25	10.00
Crimson Star. Coppery crimson, long spurs. 2½ ft. June	1.50	12.00
Imperial Hybrids. Choice Long Spurred Mixture	1.25	10.00
Mrs. Scott Elliott. Long Spurred Mixture. 2½ ft. June	1.25	10.00
ARABIS Alpina. X. White. 8 in. May	1.00	8.00
ARMERIA Bee's Ruby. X. Deep pink. 18 ins. May-June	1.25	10.00
ARTEMISIA Silver King. Silvery foliage. 3 ft. Valuable as dried flower	1.00	8.00
Lactiflora. Creamy white. 4 ft. Sept.-Oct.	1.00	8.00
ASCLEPIAS Tuberosa. Orange. 2 ft. July-Aug.	1.25	10.00
ASPARAGUS Verticillatus. Fine foliage plant. 12 ft.	.75	6.00
ASTER Alpinus. X. Blue. 9 in. May-June	1.00	8.00
Beechwood Challenger. Darkest known red. 3 ft. Sept.	2.25	18.00
Charles Wilson. New. Best red. 2½ ft. September	1.25	10.00
Climax. Blue. 4 ft.-5 ft. Sept.-Oct.	1.25	10.00
Hybridus Luteus (Solidago). Small yellow. 2 ft. Sept.	1.50	12.00
Mount Everest. White. 3 ft. Sept.	1.50	12.00
Red Rover. Rosy red. 3 ft. Sept.	1.25	10.00
Snowdrift. White. 3 ft. Sept.	1.25	10.00
Skylands Queen. New. Clear blue. 3 ft. September	1.25	10.00
Subcoeruleus. X. Mauve. 1 ft. June	1.25	10.00
Wartburg Star. X. Lavender blue. 6 in. May	1.50	12.00
New Dwarf Varieties		
Countess of Dudley. Clear pink. 12 in. Sept.	1.15	9.00
Nancy. Flesh pink. 9 in. Sept.	1.15	9.00
Victor. Lavender blue. 8 in. Sept.	1.15	9.00
Snowsprite. X. White. 6 in. Sept.	1.15	9.00
AUBRIETIA Hybrids. X. (Wall Cress). Shades of lavender. 6 in.	1.25	10.00
BAPTISIA Australis. Blue. 3 ft. June-July	.85	7.00
BOLTONIA Asteroides. White. 5 ft. Aug.	1.15	9.00
Latisquama. Pink. 4 ft. Aug.	1.15	9.00

CAMPANULA

CAMPANULA Carpatica, Blue. X. 9 in. July-Aug.	1.00	8.00
Carpatica Alba. X. White. 9 in. July-Aug.	1.00	8.00
Glomerata Superba. Purplish blue. 2-3 ft. June-July	1.00	8.00
Lactiflora Coerulea. Pale blue. July. 3 ft.	1.15	9.00
Persicifolia. Blue. 2 ft. June-July	1.00	8.00
Alba. White. 2 ft. June-July	1.00	8.00
Telham Beauty. Blue. 2 ft. June	1.25	10.00
Pyramidalis. Blue. 5-6 ft. Aug.-Sept.	1.25	10.00
Alba. White. 5-6 ft. Aug.-Sept.	1.25	10.00
Rotundifolia. (Blue Bells of Scotland). 1 ft. July-Aug.	1.25	10.00
CARNATION Grenadin. 1 ft. July. Pink, yellow, red and white. These are all selected double	1.25	10.00
CASSIA Marylandica. Yellow. 4 ft. Aug.	1.00	8.00
CENTAUREA Montana. Blue. 2 ft. July	1.00	8.00
Herb for seasoning	.90	7.00
Macrocephala. Yellow. 3 ft. June	1.25	10.00
CHIVES		
CHRYSANTHEMUM		
Astrid. Pale pink. 2½ ft. Sept.	1.25	10.00
Clara Curtis. Pink. 2 ft. Sept.	2.25	18.00
Chiffon (New). Fringed and lacinated semi-double white flowers on stout stems over a long blooming period. An outstanding novelty	1.85	15.00
Giant Double. Selected strain. 2½ ft. All summer	1.50	12.00
Hartje and Elder. White. ½ ft. Earliest to bloom	1.00	8.00
Maximum (Shasta Daisy). White. 2 ft. July-Aug.	1.00	8.00
Supreme. Large white. One of the best. 2 ft. July-Aug.	1.25	10.00
Uliginosum. White. 3 ft. Sept.	1.25	10.00
CHRYSOBOLTONIA Pulcherrima. New hybrid daisy. Pale pink. 1½ ft. Sept.	1.00	8.00
CIMICIFUGA Racemosa. White. 4 ft. July-Aug.	1.25	10.00
CLEMATIS Recta Grandiflora. White. 2 ft. June-July	1.25	10.00
COREOPSIS Lanceolata. Yellow. 2 ft. June-Aug.	.85	7.00
Grandiflora fl. pl. Double yellow. 2½ ft. June-Aug.	1.50	12.00

DELPHINIUM (Perennial Larkspur)

DELPHINIUM Belladonna Improved Light blue. 4 ft. All summer	1.00	8.00
Bellamosum Improved. Sparkling blue. 4 ft. All summer.	1.00	8.00
Formosum. Dark blue, white center. 4 ft. All summer	1.00	8.00
Indigo. (True blue.) Indigo blue. 4 ft.	1.00	8.00
Lamartine. Deep blue. 4 ft. July-Oct.	1.25	10.00
Pacific Hybrids. (Vetterle and Reinelt.) World's best Delphinium. **Blue Shades,** 5 ft. All summer	1.85	15.00
White	1.85	15.00
Pacific Hybrids. Following named sorts in field grown plants.		
Galahad. Clear white	2.25	18.00
Guinevere Lavender pink	2.25	18.00
Summer Skies. Light blue	2.25	18.00
Vaughan's Gold Medal Hybrids. 4 ft.	1.25	10.00
Wrexham Hollyhock Flowered. Hybrid Mixture. 5 ft.	1.50	12.00

DIANTHUS	10	100
Atro-coccineus fl. pl. X. Deep scarlet. 1 ft. All summer	1.00	8.00
Barbatus (Sweet William)		
Albus. White. 1 ft.	1.00	8.00
Johnson's Giant Mixed. 1 ft. June-July	1.00	9.00
Pink Beauty. 1 ft. June-July	1.15	9.00
Scarlet Beauty. Scarlet. 1 ft. June-July	1.00	8.00
Vaughan's Special Mixed	.85	7.00
Allwoodi Alpinus. X. Mixed. 1 ft. May-June	1.25	10.00
Beatrix. X. Salmon pink. Double. 10 in. All summer	1.50	12.00
Caesius. Rose. 4 inch. June-July	1.00	8.00
Crimson King. Crimson. Very double. 2 ft. All summer	1.50	12.00
Cyclops. Dark rose. 9 in. June-July	1.00	8.00
Neglectus Rose Cushion. X. 4 in. Deep pink. June	1.25	10.00
Spring Beauty. X. Double Grass Pink. 12 in. July	1.25	10.00
Vaughan's Special Mixture. X. Plumaris types	1.00	8.00
DICENTRA Spectabilis (Bleeding Heart).	2.50	20.00
DICTAMNUS Fraxinella. Deep pink. 3 ft. June-July	1.25	10.00
Albus. White. 3 ft. June-July	1.25	10.00
DIGITALIS Grandiflora. (Ambigua.) Yellow. 2½ ft. June.	1.00	8.00
DODECATHEON Meadia. X. Rose. 8 in. May-June	1.00	8.00
DORONICUM Caucasicum. Yellow. 2 ft. May-June	1.50	12.00
ECHINACEA Purpurea. (Coneflower). Purple. 4 ft.	1.00	8.00
ECHINOPS Ritro. Steel-blue. 4 ft. July-Aug.	1.20	9.00
EREMURUS. (Foxtail Lily). Majestic flower spikes 5 to 8 ft. in May	....	.....
Bungei. Golden yellow ... Each, $0.75	6.00	50.00
Himalaicus. White ... Each, .75	6.00	50.00
ERIGERON Amos Perry. X. Large blue daisy. 1 ft. All summer.	1.50	12.00
Speciosus. Lavender blue. 1½ ft. July	1.25	10.00
ERYNGIUM Amethystinum. Steel blue. 3 ft. July-Aug.	1.25	10.00
EUPATORIUM Coelestinum. Blue. 2 ft. Aug.-Oct.	1.00	8.00
EUPHORBIA Polychroma. Yellow. 1 ft. April	1.25	10.00
FOXGLOVE, See DIGITALIS.		
FUNKIA Coerulea Lanceolata. Mauve. 1½ ft. July	1.00	8.00
Fortuna Robusta. White. 2 ft. July	2.00	18.00
Japonica Aurea Marginata. Mauve. 1 ft. July	1.50	12.00
Subcordata Grandiflora. X. 1½ ft. White. August	2.25	18.00
Undulata Variegata	1.25	10.00
GAILLARDIA Bremen. Coppery scarlet tipped yellow. 2 ft.	1.15	9.00
Burgundy. Wine-red. 2 ft. All summer	1.25	10.00
New Hybrids. Mixed colors. 2 ft. All summer	.85	7.00
Sun God. New. Large chamois yellow blooms, basal branching, 2 ft. July until frost. Valuable cut flower	1.85	15.00
Torchlight. Yellow, maroon center. 2 ft. All summer	1.15	9.00
GEUM, Lady Stratheden. X. Golden. 1½ ft. All summer	1.25	10.00
Mrs. J. Bradshaw. X. Orange-red. 1½ ft. All summer	1.25	10.00
Orange Queen. X. Double orange scarlet. 2 ft. All summer.	1.25	10.00
GRASS, Eulalia Japonica Variegata. 2 ft.	1.00	8.00
GYPSOPHILA Bristol Fairy. Double white. 3 ft. July-Sept. 3 in pots	1.50	12.50
Field grown	2.20	17.50
Bodgeri. X. Double white. 1 ft. All summer	1.50	12.00
Oldhamiana. White tinted pink	1.25	10.00
Pacifica. Single pink. 4 ft. July	1.25	10.00
Rosenschleier (Rosy Veil). Double pink. 2 ft. All summer	1.50	12.00
Paniculata. White. 3 ft. June-July	.85	7.00
Repens. X. White. 4 in. All summer	1.00	8.00
HELLEBORUS Niger. X. (Christmas Rose.) White. 10 in. Dec.-Feb.	5.50	.....
HELENIUM Riverton Beauty. Gold. 4 ft. Sept.-Oct.	1.25	10.00
Moerheim Beauty. New. Early blooming bronze. 2½ ft. July-August	1.85	15.00
Autumnale Rubrum. Reddish bronze. 3 ft. Aug.	1.00	8.00
HELIANTHUS Multiflorus Plenus. (Dahlia Flowered Sunflower.) Deep yellow. 4 ft. Aug.-Sept.	1.25	10.00
HELIOPSIS Double Lemoine. Orange. 2½ ft. All summer. Excellent cut flower	1.25	10.00

HEMEROCALLIS (Yellow Day Lily)

HEMEROCALLIS Aureole. Deep orange-yellow with bronze reverse. 2 ft. May-June	.85	6.00
Dr. Regel. Rich orange-yellow. 1½ ft. May-June	.85	6.00
Fulva Kwanso. Fl. Pl. Deep orange. 3 ft. July-Aug.	.85	6.00
Sovereign. Chrome yellow. Fragrant. 2 ft. May-June	.85	6.00
Thunbergi. Golden yellow. 3 ft. July	1.00	8.00
NEW HYBRID HEMEROCALLIS		
Calypso. Pale lemon. July-Aug. ... Each, $0.25	2.00	16.00
Cinnabar. Bronzy red suffused gold. June ... Each, .40	3.75	32.00
Goldeni. Deep golden yellow. June-July ... Each, .25	2.00	15.00
Gypsy. Deep orange. July ... Each, .30	2.50	20.00
Hyperion. Vigorous citron-yellow. July-Aug ... Each, .35	2.75	20.00
Margaret Perry. Scarlet orange, suffused yellow. July ... Each, .70	6.00	50.00
Mrs. W. H. Wyman. Clear gold. Profuse bloomer. July-Aug. ... Each, .30	2.50	20.00
Mikado. Orange, maroon blotches. June ... Each, .60	5.00	40.00
Ophir. Tall golden yellow. June-July ... Each, .35	3.00	25.00
Queen of May. Apricot orange. 2½ ft. June ... Each, .40	3.50	30.00
Sir Michael Foster. Large clear gold. June-July ... Each, .35	3.00	25.00
Soudan. Empire yellow. 3 ft. June ... Each, 1.00	9.00	80.00
THE GEM. Medium golden flowers. June-July	2.00	15.00

Hardy Perennial Plants

	10	100
HEUCHERA Brizoides Gracillima. 2 ft. Pink. May-June	$1.50	$12.00
Pluie De Feu (Rain of Fire). Deep coral red. 18 in.	1.85	15.00
Sanguinea. Crimson. 2 ft. May-July	1.50	12.00
HIBISCUS (Mallow Marvels). Red, White or Pink. 5 ft.	1.00	8.00
HOSTA, see FUNKIA.		
HYPERICUM Moserianum. X. Yellow. 1 ft. All summer	1.25	10.00
IBERIS (Candytuft) Sempervirens. X. White. 8 in.	1.25	10.00
LATHYRUS Latifolius. Red or Pink. 3 ft. July	1.25	10.00
LAVENDULA Vera. Lavender. 18 in. All summer	1.50	12.00
LIATRIS Pycnostachya. Purple. 4 ft. July-Aug.	1.25	10.00
September Glory. New. Rosy purple. 4 ft. Sept.	1.85	15.00
Spicata Pumila. Dwarf, light purple. 2 ft. Sept.	1.85	15.00
LINUM Perenne. X. Blue. 1½ ft. May-Aug.	1.00	8.00
LOBELIA Cardinalis. Scarlet. 3 ft. July-Aug.	1.00	8.00
LYCHNIS Chalcedonica. Scarlet. 2 ft. July	1.00	8.00
LYTHRUM Rose Queen. Pink. 3 ft July-Aug.	1.00	8.00
MATRICARIA Capensis Fl. Pl. White. 2 ft. June	1.00	8.00
MERTENSIA Virginica. X. Light blue. 1½ ft. April-May	.85	7.00
MINT. Useful herb. Spearmint flavor	1.00	8.00
MONARDA Didyma. Red. 3 ft. July-Aug.	1.25	10.00
MYOSOTIS Palustris. X. (Forget-me-not). Blue. 5 in.	1.00	8.00
NEPETA Mussini. X. Blue. 6 in. July-Sept.	1.15	9.00
PACHYSANDRA Terminalis. X. White. 3 in. May	.75	6.50
Rooted runners of Pachysandra, per 1000 $55.00	....	....
PAPAVER Oriental (Beauty of Livermore). Dark red. 3 ft. May-June	1.50	12.00
Jeannie Mawson. Geranium pink. 3 ft. May-June	1.50	12.00
Joyce. Cherry red. 3 ft. May-June	1.50	12.00
Mrs. Perry. Pink. 3 ft. May-June	1.25	10.00
Olympia. Double orange scarlet. 3 ft. May-June	1.50	12.00
Perry's White. Satiny white, dark center blotch. 3 ft. June	3.25	25.00
Princess Ena. Coral pink. 2½ ft. June	1.50	12.00
Royal Scarlet. 3 ft. May-June	1.15	9.00
PENSTEMON Garnet. Rich red. 1½ ft. All summer	2.50	18.00
PHYSALIS Franchetti. (Chinese Lantern.) Orange. 2 ft. Oct.	1.00	8.00
PHYSOSTEGIA Vivid. X. Bright pink. 2 ft. Aug.-Sept.	1.25	10.00
PLATYCODON Grandiflora Blue. 2 ft. All summer	.85	7.00
Alba. White. 2 ft. All summer	.85	7.00
PLUMBAGO Larpentae. X. Peacock Blue. 9 in. All summer	1.25	10.00
POLEMONIUM Coeruleum. X. Blue. 1 ft. June	1.00	8.00
POTERIUM Obtusum. 3 ft. Crimson catkins on graceful stems	1.25	10.00
PRIMULA Veris (Hardy Primrose). X. Mixed colors. 6 in. April-May	1.50	12.00
Excelsior Strain. X. Mixed large flowering. 6 in. April-May	1.50	12.00
Veris Kleynii. X. Large deep yellow. 8 in. April-May	1.50	12.00
Veris Munstead Strain. X Light yellow. 6 in. April-May.	1.50	12.00
Acaulis Lilacina Fl. Pl. X. Double lavender. 6 in.	2.25	18.00
Auricula. X. Mixed colors. 6 in. April-May	1.85	15.00
PYRETHRUM Roseum. James Kelway. Red. 2 ft. May-June	1.25	10.00
Robinson's Crimson. New. Large dark red. 2 ft. May-June	1.25	10.00
Roseum, Hybrid Mixture. 2 ft. May-June	.85	7.00
Uliginosum. White. 3 ft. Aug.-Sept.	1.00	8.00
RANUNCULUS Acris Fl. Pl. Yellow. 2 ft. April-May	1.25	10.00
ROSA Rouletti. X. Miniature bush. Rose pink. 8 in. All summer	1.50	12.00
RUDBECKIA Laciniata Fl. Pl. (Golden Glow.) July-Aug.	1.00	8.00
SALVIA Azurea Grandiflora. Blue. 4 ft. Aug.-Sept.	1.00	8.00
Officinalis. Sage for seasoning	1.25	10.00
Pitcheri. Deep blue. 4 ft. Aug.-Sept.	1.25	10.00
SAPONARIA Ocymoides. X. Pink. 4 in. All summer	1.25	10.00
SCABIOSA Caucasica Perfecta. Light blue. 18 in. June-Oct.	1.25	10.00

SEDUM

SEDUM Acre. X. (Golden Moss). Yellow. 2 in. May-July	1.00	8.00
Album. X. White. 2 in. May-July	1.00	8.00
Sexangulare. X. Yellow. 3 in. June-July	1.00	8.00
Sieboldi. X. Pink, silvery foliage. 4 in. Aug.-Sept.	1.25	10.00
Spathulatum Purpureum. Red foliage. 1½ ft. Aug.-Sept.	1.25	10.00
Spectabile. Pink. 1½ ft. Aug-Sept.	1.00	8.00
Spurium. X. Pink flowers, red foliage. 6 in. July-Aug.	1.00	8.00

SEMPERVIVUM. (Hen and Chickens.)		
Globiferum. X. Yellow. 1 ft. June	1.00	8.00
Tectorum. X. Red. 6 in.	1.00	8.00
SHASTA DAISY. See Chrysanthemum maximum	....	....
SIDALCEA Hybrids. Pink. 2 ft. June-July	1.25	10.00
SILENE Schafta. X. Bright pink. 6 in. July	1.00	8.00
SPIRAEA Filipendula Hexapetala. Cream. 2 ft. June	1.00	8.00
Ulmaria fl. pl. White. 2 ft. July	1.85	15.00
STATICE Latifolia. (Sea Lavender) Blue. 2 ft. Aug.-Sept.	.85	7.00
3 year clumps	1.15	9.00
STOKESIA Cyanea. Sky-blue. 1 ft. Aug.-Sept.	1.00	8.00
Blue Moon. New. Light blue. 1½ ft. All summer	2.25	18.00

	10	100
TARRAGON, TRUE (Artemesia Dracunculus)	$1.50	$12.00
THALICTRUM Adiantifolium. X. Yellow, fern-like foliage. 1 ft. June-July	1.25	10.00
Dipterocarpum. X. Rosy purple. 4 ft. Aug.-Sept.	1.50	12.00
Glaucum. Bronze-yellow. 2 ft. June	1.00	8.00
THERMOPSIS Caroliniana. Yellow. 2 ft. June-July	1.25	10.00
THYMUS Citriodorus. X. (Lemon scented) Pink. 2 in. July-Aug.	1.00	8.00
Serpyllum Coccineus. X. Red. 2 in. June-July	1.00	8.00
Lanuginosus. X. (Woolly Thyme.) Rose. 2 in. June-July	1.25	10.00
TRADESCANTIA Heavenly Blue. Light blue. 2 ft. May-Aug.	1.50	12.00
Leonora. Dark blue. 2 ft. May-Aug.	1.50	12.00
Virginica. The original type	1.00	8.00
TRILLIUM Grandiflorum. X. White. 12 in. May-June	.85	7.00
TRITOMA Pfitzeri. Red and yellow. 3 ft. Aug.-Oct.	1.25	10.00
TROLLIUS Golden Queen. Light orange. 3 ft. Spring and Fall.	1.85	15.00
Gold Quelle. Deep orange. 3 ft. June-July	1.85	15.00
Ledebouri. Deep orange, late	1.85	15.00
New Hybrids. Orange and yellow shades. 2 ft. May-July	1.50	12.00
TUNICA Saxifraga Fl. Pl. Pink Ball. Double light pink	1.50	12.00
VALERIANA Officinalis. Light pink. 5 ft. June-July	1.00	8.00
Var. Rubra. Red. 2 ft. July-Aug.	1.00	8.00
VERBASCUM Hybrids. Yellow, cream, etc. 3 ft. July-Aug.	1.50	12.00

VERONICA (Speedwell)

VERONICA Incana. Blue, silvery foliage. 18 in. June	1.25	10.00
Longifolia Subsessilis. Deep blue. 2 ft. July-Aug.	1.50	12.00
Rupestris. X. Blue. 5 in. June	1.25	10.00
Spicata. Blue. 2 ft. Aug.	1.00	8.00
Spicata Rosea. Pink. 2 ft. July-August	1.00	8.00

VINCA Minor. (Grave Myrtle.) X. Blue. 6 in. Pot plants	.85	6.50
Field grown Per 1000, $35.00	.75	5.00
Bowles Variety. X. Improved type, free flowering. Blue. 6 in. Spring and Fall	1.25	10.00
VIOLA Jersey Gem. Dark violet. 6 in. All summer	1.25	10.00
Improved Wedgewood. New. Violet blue. 6 in. All summer	1.85	15.00
VIOLET Florence. X. Fragrant single white, faint purple veining. 6 in. Spring	1.50	12.00
Frey's Fragrant. X. Single purple. 6 in. May	1.25	10.00
Prince of Wales. X. Single, purple-violet. 6 in. May	1.25	10.00
Rosina. X Pink, sweet scented. 4 in. April-May	1.50	12.00
YUCCA Filamentosa. 2 yr. White. 6 ft July	1.00	7.00
3 year clumps	1.25	9.00
Glauca Angustifolia. 2 yr. White. Narrow foliage July	1.25	10.00
3 year clumps	1.50	12.00

HARDY PHLOX (Phlox Decussata)

Africa. Carmine red with darker eye	$1.25	$10.00
Augusta Patented. Brilliant cherry-red	2.50	18.00
B. Comte. Amaranth purple	1.15	9.00
Border Queen. Dwarf, watermelon pink	1.50	12.00
Bridesmaid. White, bright red eye	1.00	8.00
Columbia. (Patented.) Cameo pink, faint blue eye	1.90	12.00
Daily Sketch. New. Immense salmon-pink, crimson eye	1.50	12.00
E. Farrington. New. Soft salmon-pink, with lighter eye	1.25	10.00
Europa. White, faint red eye	1.15	9.00
Enchantress. Bright salmon-pink	1.25	10.00
Feuerbrand. Brilliant red	1.25	10.00
Flora Reidy. White. Medium height	1.00	8.00
Goliath. Light reddish purple. Tall. Early	1.00	8.00
Graf Zeppelin. Snow-white, deep red eye	1.25	10.00
Harvest Fire. New. Glowing flame scarlet	1.85	15.00
Leo Schlageter. New. Flame or orange scarlet	1.85	15.00
Lillian. Cameo pink, lighter center	1.25	10.00
Miss Lingard (Suffruticosa). Earliest to bloom. White	1.50	12.00
Miss Von Lassberg. Tall white	1.25	10.00
Mrs. Milly Von Hoboken. Bright pink, faint mauve suffusion	1.25	10.00
Painted Lady. Soft silvery pink, dark red eye	1.25	10.00
Royal Purple. Early light purple	1.00	8.00
Salmon Queen. A true large salmon-pink	1.50	12.00
Starlight. Light purple, white center	1.25	10.00
Thor. Tall, deep salmon-pink, suffused and overlaid with a scarlet glow. One of the best	1.00	8.00
Von Hochberg. Deep blood-red	1.50	12.00
Mixed. Varieties with labels lost. Some very good stock	.85	7.00

Dwarf or Alpine Phlox

Amoena. Rosy lilac blooms. May-June	1.00	8.00
Divaricata Canadensis. X. Lavender blue. 10 in. April-May	1.15	9.00
Dixie Brilliant (Nivalis Sylvestris). X. **New Giant Hardy Thrift.** Rosy red. 1 in. diameter	3.00	25.00
Subulata Alba. White. 4 in. April-May	.85	7.00
Atro-purpurea. Reddish purple. Compact. 4 in. Apr.-May	1.25	10.00
Brittoni. X. Dwarf white. 4 in. April-May	1.25	10.00
Mrs. G. F. Wilson. Lavender, 4 in. April-May	1.00	8.00
Rosea. Rose-pink. 4 in. April-May	.85	7.00
Pink Cushion. X. Compact, free flowering form. 3 in.	1.25	10.00
Vivid. X Dark salmon pink. 3 in. Spring	1.50	12.00

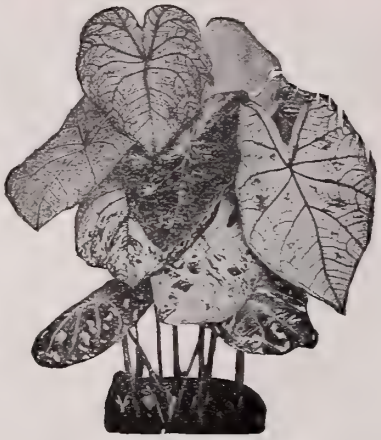
Greenhouse Plant Department

CALADIUMS—Vaughan's Special Fancy-Leaved

Choice dormant bulbs for January and February delivery. Large variety named sorts. This is one of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.

We find an increasing demand for caladiums; pot plants sell readily from early spring until late summer.



FANCY-LEAVED CALADIUM

	Doz.	100	1,000
Rainbow Mixed	$2.00	$12.00	$100.00
Named Varieties. Our selection	2.00	13.00	110.00
Named. Your selection of varieties	2.25	14.00	120.00
Unusual and rare varieties. All named	2.75	16.00	140.00

AFRICAN VIOLETS

Saint Paulia Ioantha

	Doz.	100
Blue Boy. 2¼ inch	$2.00	$12.00
Blue Boy. 3 inch	4.50	30.00

ASPARAGUS PLUMOSUS NANUS

		Dozen	Per 100
Seedlings	Per 1,000, $10.00	.....	$ 1.50
2¼-inch	Per 1,000, 55.00	$0.85	6.00

ASPARAGUS SPRENGERI

		Dozen	Per 100
Seedlings	Per 1,000, $ 8.00	.....	$ 1.50
2¼-inch	Per 1,000, 50.00	$0.75	5.50

AZALEAS

Coral Bells, Hexe, Pink Pearl, Salmon Beauty, Mme. Pericat, Hinodigeri, Snow and other varieties, 5 inch up to 14 inch heads. Also grafted Indica Azaleas in all standard forcing varieties, 8 inch up to 15 inch heads.

Write for prices.

Plants available October to December.

BEDDING PLANTS FOR SPRING

	100	1000
Ageratum Augusta. Tall blue variety for cut flowers.		
Rooted Cuttings	$ 2.00	$15.00
2¼ inch	6.00	55.00
Cardinal Mundelein. Deep blue. Dwarf, bushy.		
Rooted Cuttings	2.00	15.00
2¼ inch	6.00	55.00
Riverside. Dwarf, large head of bloom.		
Rooted Cuttings	2.00	15.00
2¼ inch	6.00	55.00
Heliotrope Centefleur. Free blooming, dark purple.		
2¼ inch	7.00	60.00
Lantanas. All the best named varieties.		
2¼ inch	6.00	55.00
Verbena. Beauty of Oxford, Helen Wilmot, Mayflower, Scarlet Beauty and other named varieties.		
Rooted Cuttings	2.25	18.00
2¼ inch	6.00	55.00
Vinca Variegata.		
Rooted Cuttings	2.00	15.00
2¼ inch	5.00	45.00

BEGONIA

	100	1,000
Carmen. Bronze foliage, pink flowers, 2¼-inch	$ 6.00	$55.00
Christmas Cheer Red or Pink. 2¼-inch	6.00	55.00
Luminosa. 2¼-inch	6.00	55.00
Pink or Red Pearl. 2¼-inch	6.00	55.00
Melior. 2¼-inch	22.50	200.00

CALCEOLARIAS

Our choice Hybrid Mixture contains all colors of the new large flowered hybrids.

	100	1,000
Vaughan's Choice Hybrid Mixture. 2¼-inch	$ 8.00	$ 75.00
Rosacker's New Varieties, also Pink Beauty, Stewartii, Brilliancy, 2¼-inch	16.00	150.00

CARNATIONS

Write for our special list of Rooted Cuttings. Standard and New varieties.

CHRYSANTHEMUMS

Write for special list of Rooted Cuttings. New varieties and standard varieties, also those recommended for shading.

CINERARIAS

	100	1000
Vaughan's Columbian Mixture. 2¼-inch	$6.00	$55.00
Cremer's Prize Mixture. 2¼-inch	6.00	55.00

DISH GARDEN PLANTS

Write for special list of succulents, cacti and small plants at $3.00 to $25.00 per 100.

CYCLAMEN

Bright Red, New Salmon Rose, Glory of Wandsbeck, the famous Binnewies strain. Clean, healthy stock.

	Doz.	100
4-inch	$ 6.00	$ 40.00
5-inch	10.00	75.00
6-inch	14.00	100.00

2¼-inch Cyclamen ready after Apr. 1st at $12.00 per 100; $100.00 per 1,000

FERNS—BOSTON

	Each	100
2¼-inch	per 1,000, $75.00	$ 8.00
4 -inch	$0.35	30.00
5 -inch	.50	45.00
6 -inch	.75	65.00
7 -inch	.95	85.00
8 -inch	$1.25 to 1.50	.....
TABLE FERNS. Assorted varieties. 2¼-inch		7.00

Assorted varieties, Seedlings, 100 2.25; 1000 20.00

WHITMANI FERNS

	Each	100
4-inch	$0.40	$35.00
5-inch	.55	50.00
6-inch	.80	75.00

GERANIUMS

We are constantly in touch with Geranium Specialists. All stock offered is 2¼ inch or its equivalent.

	100	1000
Elaine (New). Light salmon pink. Strong grower.		
Rooted Cuttings	$10.00	$ 80.00
2¼ inch	13.00	110.00
Fiat. Salmon pink. Dwarf but prolific bloomer	7.00	65.00
Fiat Queen (New). An improved Fiat with frilled and serrated blossoms. Distinctive and great sales possibilities. 10 for $3.00	25.00	.....
Lady Jane. Semi dwarf, deep cherry red, good bloomer	6.50	60.00
Laurel (New). Sport of Wyona with double rose lavender blooms. Entirely new and attractive variety. 10 for $3.00	25.00	.....
Mme. Buchner. Double white	6.00	55.00
Mme. Landry. Salmon pink with darker shading	6.00	55.00
Mme. Salleroi. Variegated leaves	5.50	50.00
Radio Red. Popular and well liked. Bright blood red	6.00	55.00
Wyona. Large substantial blooms and growth. Vivid light red	6.00	55.00

HYDRANGEAS FOR FORCING

Strong stock ready in November and December. All pot-grown plants. For Easter and Spring flowering. The following varieties and many others.

	4-inch each	5-inch each	6-inch each	7-inch each
E. Moulliere. White	$0.25	$0.35	$0.50	$0.75
Gertrude Glahn. Dark Rose	.25	.35	.50	.75
M. Foch. Early Deep Carmine	.25	.35	.50	.75
Neidersachsen, for bluing	.25	.35	.50	.75
Deutschland. Salmon pink	.25	.35	.50	.75
Europa. Early salmon pink	.30	.40	.60	.85
Hamburg. Early. Carmine	.30	.40	.60	.85
Merveille. Light red	.30	.40	.60	.85
Kunert. Early. Rose pink	.30	.40	.60	.85

Add 5 cents each for less than five of any one variety.

DECORATIVE PLANTS

Lack of space prohibits listing of Palms, Cibotiums, Draceanas, etc., but we can supply excellent stock and will quote promptly on your requirements.

	10	100
Helxine Soleiroli. (Baby Tears). 3 inch	$1.75	$15.00
Euonymus Radicans Variegatus. 2¼ inch	1.00	8.00
Ivy Hahns Self Branching. 2¼ inch	.75	6.00
4 inch	4.00	35.00
Merion Beauty. (Miniature). 2¼ inch	1.20	10.00
3 inch	1.70	15.00
Nephthytis. 2¼ inch	1.00	8.00
3 inch	1.75	15.00
Osmanthus Variegata. (Variegated Holly). 2¼ inch	3.00	25.00
Peperomia Variegata. 2¼ inch	1.20	10.00
3 inch	2.75	20.00
Philodendron. 2¼ inch	1.20	10.00
3 inch	1.75	15.00
Sansevieria Laurenti. Golden edge. 3 inch	3.00	25.00
4 inch	6.00	50.00
Vitis Rhombifolia. (Grape Ivy). 2¼ inch	.90	7.00

PELARGONIUMS

Easter Greeting, Edith North, Gardener's Joy, Lucy Becker, Mrs. Layal, Swabian Maid, Princess, Pride of Quedlinburg, Wurtembergia.

Prices on other varieties quoted upon request.

	Dozen	100	1,000
Rooted Cuttings	$0.90	$ 6.00	$55.00
2-inch	1.20	8.00	75.00
3-inch	1.60	11.00	100.00

PRIMULAS

	100	55.00
PRIMULA. Obconcia. 2¼-inch	6.00	55.00
PRIMULA. Malacoides. 2¼-inch	6.00	55.00

SNAPDRAGONS

Clean sturdy stock, Ceylon Court—yellow, Cheviot Maid—early pink, Schumann's Lavender, White Wonder, Afterglow—bronze, Velvet Beauty—red, Lucky Strike—white

	100	1000
2¼ inch	$ 5.00	$45.00

Prices are F. O. B. Western Springs, Ill., where we ship by American Railway Express and C. B. & Q. R. R.

We assume no transportation risks after shipping in good order. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

Billing—6 plants of any one variety at the dozen rate; 25 at the 100 rate; 250 at the 1,000 rate.

Packing will be charged on all orders at cost.

Hardy German Iris

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

	Each	10	100
Alta California. 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow	$0.15	$1.20	$10.00
Ambassador. Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular	....	.50	3.00
Asia. 45 in. "S" pale silvery lavender deepening at the base to golden yellow. "F" pale reddish purple, lighter at the edges	.10	.80	5.00
Attye Eugenia. 38 in. Large, heavy textured flower that has the appearance of being carved from real ivory	.35	....	....
Baldwin. 40 in. Gigantic flowers of manganese violet	.12	1.00	8.00
Black Wings. 38 in. Large flowers of intense midnight blue overlaid with a frosty black luster	.15	1.20	10.00
Blue Triumph. 42 in. Very large flowers of heavy substance, considered the best light blue Iris yet introduced	.25	2.00	....
Blue Velvet. 46 in. A clear, beautiful, very dark blue self, the color of the richest deep blue velvet	.15	1.00	8.00
Buechley Giant. 40 in. Clear lavender-blue bicolor of perfect form and sensational size	.15	1.20	10.00
California Gold. 36 in. A super novelty with magnificent, large flowers of dazzling, deep golden yellow	.30	2.50	....
Cheerio. 40 in. Considered the most brilliant of all red Irises. "S" tan flushed rose; "F" rich glowing red	.40	3.50	....
Cinnabar. 42 in. A fine large flower of rich, velvety-red tone. Withstands rain, wind and sun in fine shape	.10	.80	6.00
Clara Noyes. 38 in. Of sensational coloring, a brilliant blending of red, orange and yellow	.15	1.00	8.00
Copper Lustre. 36 in. Huge flowers of a blend of glowing copper and gold with iridescent sheen	.90	8.00	....
Coralie. 38 in. A vividly colored blend of pink and red. Unusually lovely flowers of fine form	.30	2.50	....
Corrida. 30 in. Small flowers of exquisite pure blue. Ideal for cutting and for table decoration	....	.50	3.00
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure, snow-white on well-branched stalks	.12	1.00	8.00
Dauntless. 40 in. A brilliant rose-red self with flaring falls that appear darker because of their velvety quality	.15	1.20	10.00
Depute Nomblot. 50 in. "S" coppery-red, flushed bronze; "F" rich claret crimson. A magnificent Iris	.15	1.20	10.00
Dolly Madison. 38 in. "S" mauvette, yellow at base; "F" lilac tinged old gold. Very fine large flowers	.15	1.00	8.00
Dream. 36 in. "S" and "F" soft clear pink. A beautiful Iris of Pallida type	....	.50	3.00
El Capitan. 40 in. Huge light violet-blue flowers	.15	1.00	8.00
Ethelwyn Dubuar. Very fine large flowers of deep pink with delightful ruffling. Decidedly bigger and better than any other in its color class	.15	1.20	10.00
Frieda Mohr. 42 in. A gigantic lilac-pink Iris of perfect form and brilliant coloring. Fragrant	.15	1.00	8.00
Gold Imperial. 33 in. Chrome yellow throughout except for conspicuous orange beard	....	.75	5.00
Gudrun. 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat	.20	1.80	15.00
Happy Days. 40 in. An immense clear yellow that usually carries 7 to 8 massive blooms to the stalk	.25	2.00	....
Imperial Blush. 40 in. A beautiful large blush pink	.20	1.75	....
Indian Chief. 40 in. "S" beautiful reddish pink; "F" deep rich glowing velvety red. Very striking	.15	1.00	7.00
Jean Cayeux. 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece	.30	2.50	....
Joycette. 42 in. Huge flowers, 6 to 6½ inches, that are a rich blazing red in the sun	.25	2.00	....
Junaluska. 40 in. "S" rosy copper threaded with gold; "F" brilliant copper-red. Huge flowers of perfect form	.60	....	....
King Juba. 38 in. "S" pure clear yellow; "F" wide, deep velvety red. A striking variegata	.15	1.00	8.00
King Tut. 34 in. A brilliant red-brown bicolor	.10	.80	6.00
Lent A. Williamson. Early. "S" very broad, soft campanula violet; "F" very large velvety royal purple	....	.60	4.00
Lord of June. "S" flappy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris	....	.50	3.00
Los Angeles. 40 in. Giant, snowy-white flowers of satin texture; standards edged lavender-blue	.15	1.20	10.00
Marquita. Enormous flowers of luminous ivory yellow; falls heavily veined maroon. Very beautiful	.35	....	....
Mary Dynes. 36 in. Large, dark red bi-color that has a flush of gold in the standards; very late	.35	3.00	....
Mary Geddes. 38 in. "S" salmon flushed yellow; "F" same shade overlaid Pompeian red. Very fine	.20	1.50	....
Missouri. 36 in. Clear vivid blue of sensational size	.60	5.50	....
Morning Splendor. 40 in. Delightfully fragrant; gives a beautiful red effect in the garden	.10	.80	6.00
Mrs. Valerie West. 42 in. "S" bronze flushed with lavender; "F" massive and flaring, deep velvety crimson brown. Exceedingly large, handsome flowers	.15	1.00	8.00
No-We-Ta. 35 in. A beautiful true pink self in effect with yellow flushes at the center. Flowers frilled	.15	1.20	10.00
Pink Satin. 42 in. Large, finely shaped flowers of a very delicate, yet glistening pink	.15	1.20	10.00
Pluie d'Or (Golden Rain). 40 in. Probably the best pure golden yellow self yet introduced	.15	1.20	10.00
President Pilkington. 46 in. Very large flowers of pale buff and lavender blend. Extra choice	.15	1.00	8.00
Princess Beatrice. Silvery lavender	....	$0.75	$5.00
Rameses. 36 in. A large blend of russet rose, pink and buff. Attracts immediate attention	$0.15	1.00	8.00
Red Dominion. 40 in. An outstanding variety of glowing ox-blood red	.20	1.50	12.00
Selene. Extra large white, a real giant. Never fails to bloom. Very fragrant; early	.10	.80	6.00
Sensation. 48 in. Enormous corn-flower blue flowers of perfect form and heavy substance	.15	1.20	10.00
Sierra Blue. 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner	.30	2.50	....
Sir Michael. 48 in. Considered by many the finest blue bi-color. "S" opalescent lavender-blue; "F" velvety-purple	.15	1.00	8.00
Snowking. 40 in. Giant snow-white flowers. Vigorous; hardy	.75	....	....
Taj Mahal. 36 in. A very fine pure white	....	.50	3.00
The Black Douglas. 38 in. "S" dark violet; "F" blackish violet. A richly colored Iris of good form	.25	2.00	....
Valor. 52 in. Velvety blackish violet-blue bi-color of huge size and perfect shape on very tall stems	.15	1.00	6.00
Venus de Milo. 49 in. Pure white with a rich creamy tone. Large flowers of perfect form	.15	1.20	10.00
War Eagle. 40 in. "S" light red-purple; "F" reddish-purple with black shadings. In effect, rich, glowing deep red	.25	2.00	15.00
Wm. Mohr. 26 in. Large flower of pale lilac, beautifully veined manganese-violet	.15	1.20	10.00

Named Varieties, Labeled, at Bargain Prices. We have a large collection of these in shades of blue, lavender, purple, orchid, pink, yellow, bronze or red. 5 of one variety supplied at 10 rate; 25 of one variety at 100 rate; 250 at the 1000 rate. 10, **50c**; 100, **$3.00**; 1000, **$25.00**.

FALL BLOOMING IRIS

These varieties bloom in the Spring with the Early-flowering varieties and have a habit of blooming again in the Autumn.

	Each	10	100
Autumn King. 30 in. A large blue-purple bicolor	....	$0.80	$ 6.00
Autumn Queen. A white companion to the Autumn King	$0.15	1.00	8.00
Eleanor Roosevelt. 28 in. Deep velvety purple self	.15	1.00	8.00
Golden Harvest. 18 in. "S" olive yellow, veined bluish at the haft; "F" citron yellow	.15	1.20	....
Jean Siret. 15 in. A dwarf yellow that blooms for a long time in both spring and fall and often in midsummer too.	.15	1.00	8.00
Lieutenant de Chavegnac. 15 in. Deep red-violet with same habits as Jean Siret	.15	1.20	10.00
Southland. 28 in. Clear chrome yellow of good size	.20	1.50	....
Ultra. 14 in. A beautiful ultramarine blue bicolor. Fall bloomer	....	.80	6.00

VARIOUS IRIS

Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden	.15	1.25	....
Dorothea K. Williamson. A beautiful beardless Iris with large velvety flowers of vivid purple	.20	1.50	....
Lord Wolsely. 40 in. Large blue-purple flowers	.20	1.50	....
Pseudacorus. (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings	....	1.25	10.00
PUMILA Hybrida. 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.			
Dixmude. "S" aniline blue; "F" rich purple	....	.50	3.00
Orange Queen. Clear deep yellow	....	.60	4.00
Spring Skies. Lovely light blue, very beautiful shade.	....	.80	6.00
White	....	.80	6.00
SIBIRICA. Butterfly. Lovely porcelain blue	....	.60	4.00
Emperor. Large flowers of deep violet-blue	....	.60	4.00
Geo. Wallace. (Azure Blue.) "F" marked white	....	.50	3.00
Orientalis. Rich, deep purple	....	.50	3.00
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue	....	.60	4.00
Snow Queen. Large ivory-white	....	1.00	....
Mixed	....	.50	3.00
VERSICOLOR. (Common American Water Flag.) Showy violet-blue. Blooms for a long time	....	1.00	8.00

JAPANESE IRIS (Kaempferi)

Azure. Large delicate mauve flowers. Double	.20	1.75	15.00
Gold Bound. White with gold banded center. Double. Early	.20	1.75	15.00
Iso-No-Nami. Suffused rose and blue over white. A large double; late	.25	2.00	18.00
Kumochi-Guma. A very full double of dark purplish indigo	.20	1.75	15.00
Mahogany. Velvety mahogany red. Double	.25	2.00	18.00
Norma. Exquisite silky lavender-pink with clear blue halo surrounding a yellow blotch at center. Fine large double. The best pink Iris	.45	4.00	35.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason	.20	1.75	15.00
Seacrest. Six large wavy white petals with a deep blue haft	.20	1.75	15.00
Uchiu. Cerulean blue, veined white. Gold center. Double.	.20	1.75	15.00
Zama-No-Mori. Very large single white, shaded azure-blue	.25	2.00	18.00

Vaughan's Peonies

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

WE HAVE an exceptionally large stock of our own growing. **Strictly true to name,** all in strong divisions, with from 3 to 5 eyes each.

The figures preceding the varieties are the rating given to them by the American Peony Society.

Peonies in established plantings need to be fed each Spring. A top-dressing of Vaughan's Plant Ration (5-8-7) well worked in will do wonders, but it should be applied early.

WHITE AND LIGHT SORTS

	Each	10	100
8.8 **Alsace Lorraine.** Creamy white, center tinted Havana brown. Very beautiful form; late midseason...	$0.30	$2.00	$15.00
8.7 **Avalanche.** A magnificent flower which opens like a rose. Pure snow-white, with a few pencilings of carmine on the edge of the center petals. Delightfully fragrant; late midseason. A very good cut flower and cold storage variety	.25	1.75	15.00
9.0 **Baroness Schroeder.** Immense flowers of great substance with high chalice-shaped center. Opens a delicate flesh-white, sometimes a soft baby-pink, changing to creamy white. One of our best cut flower varieties and an excellent keeper in storage	.30	2.50	18.00
8.1 **Duchess de Nemours.** Superb, cup-shaped, sulphur-white flowers with a greenish reflex that lights up the entire flower. Early, free bloomer; fragrant. Good commercial variety	.20	1.50	12.00
9.3 **Festiva Maxima.** Very popular large white. Early..	.20	1.75	15.00
9.1 **Frances Willard.** Exquisite blush-white, of good substance and a fine cut flower variety	.30	2.50	20.00
8.9 **Jubilee.** Very large ivory-white; early	.30	2.50	20.00
9.8 **Kelway's Glorious.** Cream white; midseason	1.00	9.00	.....
8.6 **La Lorraine.** Enormous blooms of creamy-white, overlaid with soft pink. Good showy variety	.75	5.00	.....
8.3 **La Rosiere.** White with cream-white center; semi-double; midseason	.30	2.50	15.00
9.9 **LeCygne.** The highest rated white	1.50	12.50	.....
7.9 **Mad. de Verneville.** One of the most fragrant of all Peonies. Flowers are very full and double, pure white, with center delicately tinted blush. An extra free and reliable bloomer. Early	.20	1.50	12.00
9.4 **Mme. Jules Dessert.** White with delicate tints of flesh and straw. Strong growing, free flowering and a great prize winner; midseason	.40	3.00	25.00
7.8 **Miss Salway.** Lilac white. Early midseason	.25	2.00	15.00
8.3 **Mons. Dupont.** Large ivory-white; fragrant; midseason	.30	2.00	30.00
8.8 **Nymphaea.** Semi-double flowers of delicate creamy white. Yellow stamens	.40	3.00	25.00
8.6 **Primevere.** Sulphur-yellow. Bomb type; very fragrant; midseason	.50	4.50	.....
9.7 **Solange.** Deep cream, tinged with amber. Late	.50	4.00	35.00
9.4 **Tourangelle.** Pearl-white overlaid with delicate shades of salmon. Late	.40	3.50	30.00

LIGHT AND DARK PINK AND ROSE

7.1 **Alexander Dumas.** Bright pink, intermixed with creamy white petals. A fine cut-flower variety	.15	1.20	10.00
7.6 **Edulis Superba.** Usually blooms for Decoration Day. The flowers are a beautiful deep, vivid pink, with a silvery reflex, and are borne profusely on tall, strong stems. One of the best of all Peonies for cut flowers in its color and season; very fragrant	.20	1.50	12.00
8.8 **E. G. Hill.** Carmine rose; early midseason	.20	1.75	15.00
7.9 **Georgiana Shaylor.** Pale rose-pink; midseason	.30	2.50	20.00
9.1 **Hansina Brand.** Giant flowers of deep flesh-pink with a salmon reflex. Wonderful show flower	2.00	....	.....
9.1 **Lady A. Duff.** Enormous pale pink; midseason	.30	2.00	18.00
9.0 **La France.** Soft appleblossom-pink; late midseason.	.50	4.00	30.00
7.5 **La Tulipe.** Delicate pink, outer petals striped with red tulip markings; midseason; fragrant	.20	1.50	12.00
8.8 **Loveliness.** Large flat rose-type flowers of hydrangea-pink. Late; fragrant	.40	3.00	25.00
7.9 **Mad. Ducel.** The color and form of this variety are almost identical with those of the popular Mons. Jules Elie, but the size of the bloom is smaller and there are more of them. A fine midseason variety for cutting...	.20	1.50	12.00
8.5 **Mad. Emile Galle.** Shell-pink. Rose-type; fragrant; late	.25	2.00	15.00
9.1 **Martha Bullock.** Immense cupped shape flowers of bright old-rose pink that are often 9 to 12 inches in diameter, on tall, stout stems. Very beautiful; fragrant; late. Good cut-flower variety	.50	4.00	.....
8.7 **Mary P. King.** Light coral-pink	.40	3.00	.....
9.0 **Milton Hill.** Delicate lilac-pink. Rose type; late..	.40	3.50	30.00
Minamota. Vivid rose-pink with a mass of yellow stamens. Almost semi-double. Very unusual	.40	3.00	.....
9.2 **Mons. Jules Elie.** By many considered the most beautiful of all Peonies. Enormous full flowers, resembling a Chrysanthemum; color a glistening satiny pink, overlaid with a sheen of silver. Very fragrant; early. Good cold storage variety	.35	3.00	25.00
9.1 **Myrtle Gentry.** Immense flowers of wonderful substance; pink-tinted flesh and salmon; fragrant	1.50	12.50	.....
8.5 **Octavie Demay.** Delicate hydrangea-pink. Dwarf. Early	.25	2.00	15.00
8.2 **Pierre Duchartre.** Rose type; late. Large compact flowers of a delicate flesh-pink; fragrant	.30	2.50	20.00
8.7 **President Taft.** See Reine Hortense.			
8.7 **Reine Hortense (President Taft).** One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason. This variety and Sarah Bernhardt are two pink Peonies of highest quality for all purposes	.35	2.50	20.00

LIGHT AND DARK PINK AND ROSE—Continued

	Each	10	100
9.0 **Sarah Bernhardt.** One of the best pink Peonies in the world. Tall, vigorous grower and prolific bloomer. The color is a dark rose-pink, edged lighter pink; center flecked crimson. Fine cut flower and storage variety; late midseason	$0.35	$2.50	$20.00
7.8 **Souvenir de Francois Ruitton.** Bright cherry pink	.30	2.50	.....
9.1 **Souvenir de Louis Bigot.** Large blooms of brilliant rose, turning salmon-pink. Midseason	.40	3.50	30.00
9.8 **Therese.** Immense, flat blooms of violet rose changing to lilac-white; early midseason	.50	4.00	35.00
9.3 **Walter Faxon.** Bright delicate rose	.40	3.50	30.00

RED AND CRIMSON

8.7 **Auguste Dessert.** Velvety crimson-carmine with silvery reflex	.40	3.00	.....
8.6 **Cherry Hill.** Deep garnet with conspicuous sheen; early	.40	3.50	30.00
8.4 **Felix Crousse.** Large globular blooms of rich, even, brilliant, dazzling ruby-red; late midseason. Good cut flower and storage variety	.20	1.75	14.00
8.2 **Grover Cleveland.** Rich dark crimson; late	.25	2.00	15.00
8.6 **Inspecteur Lavergne.** Vivid crimson	.50	4.00	.....
8.8 **Karl Rosefield.** Very large flower, globular, semi-rose type. Extremely vigorous grower; tall, early...	.25	2.00	15.00
7.8 **Lord Kitchener.** Brilliant cherry-red; early mid-season	.30	2.00	15.00
9.0 **Longfellow.** Bright crimson. Semi-rose type; tall; late midseason	.40	3.00	20.00
7.5 **Mareschal Valliant** (Grandiflora Rubra). Light red, resembling the American Beauty Rose. Late	.20	1.50	12.00
8.7 **Mary Brand.** Vivid crimson of immense size; full double; a free bloomer and a strong grower; delightful fragrance; midseason	.40	3.00	25.00
8.2 **Mme. Gaudichau.** Brilliant dark red. Late	.50	4.00	30.00
8.8 **Mons. Martin Cahuzac.** Dark purple-garnet with black reflex	.60	5.00	.....
8.6 **Officinalis Rubra Plena.** Old-fashioned early red usually in bloom by Decoration D y	.40	3.50	25.00
9.2 **Philippe Rivoire.** Perfectly formed flowers of very dark crimson; velvety sheen; fragrant; late	1.00	9.00	.....
8.8 **Richard Carvel.** Large globular flowers of uniform bright crimson. Tall, annual and profuse bloomer. Delicate fragrance. Excellent for cut-flowers; usually blooms for Decoration Day	.35	2.50	20.00
Tenuifolia Flora Plena. (Double Fern-leaf Peony.) Brilliant dark crimson. Very early	1.25	10.00	90.00

JAPANESE-FLOWERED PEONIES

9.2 **Ama-No-Sode.** Bright rose, shading lighter toward the edge of the petals; considered the best pink	1.00	9.00	75.00
9.2 **Fuyajo.** Rich dark maroon guards	.60	5.00	.....
8.2 **Gold Mine.** Petals deep rose; deep gold center	.30	2.00	18.00
9.3 **Isani Gidui.** Large pure white with buff-yellow center. Spectacular and very beautiful	1.50	.....	.....
8.6 **Mikado.** Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold	.40	3.50	30.00
Ruigegno. Clear red with golden petaloids	.40	3.50	30.00
8.0 **Torpilleur.** Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow	.30	2.50	20.00

SINGLE PEONIES

Unusually fine for Landscape Work

Fusyama. Soft-colored flesh-pink	.25	2.00	15.00
8.4 **La Fiancee.** Pure white	.40	3.00	25.00
8.1 **L'Etincelante.** Very broad petals of bright carmine with silvery border; golden stamens	.50	4.00	.....
Nymphe. Large flowers of bright flesh pink, golden stamens	.40	3.00	25.00
7.3 **Veloutine.** Large single cup-shaped flower, like a tulip; Tyrian purple with velvety reflex	.25	2.00	15.00

TREE PEONIES

2-year old grafted planted in 5-inch pots

Lactea. Pure white, blotched carmine	1.90	....	.....
Reine Elizabeth. Very large, bright salmon-pink	1.90	....	.....
Souv. De Maxine Cornu. Enormous flowers, 8 inches or more across, with wrinkled petals of deep yellow, heavily shaded orange; fragrant	4.00	....	.....
Souv. De Ducher. Large, globular blooms of bright reddish violet with silvery reflex	2.25	....	.....

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink	$0.15	$1.00	$ 8.00
Double White	.15	1.00	8.00
Double Red	.20	1.50	10.00
Double Mixed	.15	1.00	6.00

3 to 5 Eye Divisions

CASE LOT No. 1 (Value $17.50) for $15.00	CASE LOT No. 2 (Value $27.00) for $22.50	CASE LOT No. 3 (Value $35.25) for $31.00
75 Unnamed dbl. Pink	75 Edulis Superba	50 Baroness Schroeder
50 " " White	50 Avalanche	75 Sarah Bernhardt
75 " " Red	75 Felix Crousse	75 Karl Rosefield
The above 200 roots, for $15.00	The above 200 roots, for $22.50	The above 200 roots, for $31.00

Vaughan's Roses for Florists

JOANNA HILL

Hybrid Tea Roses

PRICES of the following, except where noted. Each, **40c; 10, $3.75; 100, $35.00.**

CONDESA DE SASTAGO. Spectacular rose of fiery copper, suffused pink with yellow reverse. Each, **45c; 10, $4.25; 100, $40.00.**

ETOILE D'HOLLANDE. A brilliant dark red rose of magnificent size and perfect form; very fragrant.

GOLDEN DAWN. Very double, fragrant flowers of soft lemon-yellow. Fine garden variety.

GRUSS AN TEPLITZ. Brilliant red. One of the most prolific bloomers of all.

JOANNA HILL. A creamy yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous.

MARGARET McGREDY. A magnificent rose. Flowers are large, quite double, and in color a glorious shade of brilliant orange scarlet.

MME. JOSEPH PERRAUD. Long, slender, pointed, nasturtium-orange buds which open to sweetly fragrant flowers of a charming nasturtium-buff, flushed pink at the margins. Each, **50c; 10, $4.50.**

MME. JULES BOUCHE. Very popular garden variety, always in bloom. White sometimes lightly tinted pink. Fragrant.

MRS. CHARLES BELL. (Shell-Pink Radiance). Beautiful salmon-shell-pink. Has all the excellent qualities of Radiance.

MRS. E. P. THOM. Fine long buds opening into perfectly shaped flowers of rich lemon-yellow.

MRS. HENRY BOWLES. Well formed, fragrant flowers of brilliant pink with salmon shadings.

PRESIDENT HERBERT HOOVER. A lovely blending of orange-yellow, flame, vivid rose-pink and scarlet.

RADIANCE. Bright rose-pink, shining flowers of wonderful shape and fragrance, very popular.

RED RADIANCE. A bright, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance."

TALISMAN. A remarkable blending of gold, apricot, yellow, deep pink and old rose.

FORCING ROSES

Polyantha and Baby Roses

PRICES of the following. Forcing Grade. Each, **40c; 10, $3.50; 100, $30.00.**

BRILLIANT ECHO. An improved Echo with uniform rosy-pink, double blooms in great profusion.

CAMEO. (New.) Shell-pink and salmon with a glow of gold. Large sprays in continuous succession.

CRIMSON BABY RAMBLER. Still a favorite. Light crimson flowers in clusters of 30 to 40.

GLORIA MUNDI. New. Double, lasting flowers of glowing orange-scarlet, borne in large clusters.

GOLDEN SALMON. Bright orange-salmon flowers in huge clusters. Blooms continuously.

IDEAL. Decidedly an outstanding variety, flowers brilliant garnet-red, keeping their color well.

IMPROVED LAFAYETTE. An unusually prolific large flowering variety. Flowers deep brilliant red, richly suffused crimson.

MRS. R. M. FINCH. Double soft rosy-pink flowers. two inches in diameter.

TRIOMPHE ORLEANAIS. Brilliant cherry-red, lasting in color; blooms profusely in trusses. Considered the finest of the light red Polyanthas.

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements.

PRICES listed are for two-year No. 1, field grown, dormant plants.

Five or more of one variety take the 10 rate; 25 or more of one variety take the 100 rate.

All prices are F. O. B., Western Springs, Ill., packing charges to be added at cost. Subject to change without notice.

New Patented Roses

These "Patented Plants" are being handled under license from the patent owners. They are for resale at retail only at the established retail prices.

Blaze. Cl. (Patent No. 10.) A new hardy climbing rose which inherits the blazing color in Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. Each, **60c; 10, $5.50; 100, $50.00.**

Crimson Glory. (Patent No. 104.) Large urn-shaped buds and well formed flowers of vivid crimson shaded ox-blood red. Vigorous branching growth. Each, **75c; 10, $7.00; 100, $60.00.**

Doubloons. Cl. Setigera Hyb. (Patent No. 152.) A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is covered with large, double, rich golden buff blooms, fading but little; fragrant. Gives two libera l crops six weeks apart if the first spring blossoms have not been cut. Each, **60c; 10, $5.50; 100, $50.00.**

Eclipse. (Patent No. 172.) International Rose sensation of last year. The long streamlined buds are of rich gold without shading. Petals are large and tough, averaging 20 to 25 with more in autumn. Comes with slogan "It Eclipses 'em All." Each, **60c; 10, $5.50; 100, $50.00.**

Hercules. Cl. (Patent No. 296.) A Rosa-Setigera Hybrid of great hardiness. Huge flowers, 5 to 6 inches across of clear, deep rose-pink that will equal the finest Hybrid Tea Rose. Flowers abundantly. Attractive rich bronzy green leaves. Each, **$1.40; 10, $12.50; 100, $100.00.**

Mabelle Stearns. (Patent No. 297.) Rosa Setigera Hybrid. Dooryard Rose. Very hardy plants growing 2 feet high and spreading 6 to 8 feet or more if permitted. The full double flowers of peach-blossom-pink are produced in panicles from June until frost. Rich green healthy foliage. Each, **$1.40; 10, $12.50.**

Rochester. (Patent No. 131.) Seedling of Rev. F. Page Roberts and Echo. A lovely constant flowering bedder. Color of bud is like Roberts, but with more distinct carmine markings on the reverse and more blush in the open flower. Each, **50c; 10, $4.50; 100, $40.00.**

POLYANTHA FORCING ROSE

PATENTED ROSE BLAZE

NEW PATENTED ROSES—Continued

Rome Glory. (Patent No. 304.) Best described as a red Dame Edith Helen. A very hardy, robust and vigorous plant. Produces large, full, well-formed, fragrant cerise-red blooms on long stems. Flowers long-lasting on the plant or when cut. Each, **75c; 10, $7.00; 100, $60.00.**

Signora. (Patent No. 201.) This rose is a real masterpiece. Long bud of a warm burnt sienna opening to a lighter hue toward mandarin. Has handsome foliage and long stems for cutting Each, **60c; 10, $5.50; 100, $50.00.**

Sterling. (Patent No. 21.) Beautiful clear pink flowers with orange base; bud pointed and very lasting when cut. It is a vigorous grower, has disease-resistant foliage and blooms very freely. Each, **60c; 10, $5.50; 100, $50.00.**

The New Dawn. Cl. (Patent No. 1.) A sport from Dr. Van Fleet, identical in size, color, etc., but blooms continuously summer and fall. Each, **$1.00; 10, $9.00; 100, $75.00.**

Hardy Hybrid Perpetual Roses

PRICES of the following. 2-year, No. 1. Each, **45c; 10, $4.00; 100, $35.00.**

FRAU KARL DRUSCHKI (White American Beauty). The best white.

GEN. JACQUEMINOT. Bright shining crimson.

MRS. JOHN LAING. Bright shining pink.

ULRICH BRUNNER. Cherry crimson.

Climbing Roses

PRICES, except where noted. Each, **40c; 10, $3.50; 100, $30.00.**

CLIMBING AMERICAN BEAUTY. Large double rosy crimson, flowers freely produced in June.

DOROTHY PERKINS. The best of the pink ramblers. Each, **30c; 10, $2.50; 100, $20.00. 3-yr., 40c; 10, $3.50; 100, $25.00.**

EXCELSA (Red Dorothy Perkins). Large full trusses of light crimson flowers.

PAUL'S SCARLET CLIMBER. Large, well-shaped flowers of a vivid scarlet-red that does not fade.

PRIMROSE. Large, double flowers of a soft, rich primrose yellow, borne in clusters of 4 and 5.

For complete list of Hybrid Tea and New Patented Roses, ask for our Spring Book for Florists, ready in December.

Ornamental and Flowering Shrubs

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seedling beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full and explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. **All trees, shrubs and plants shipped subject to customer assuming risk regarding their own State Nursery Inspection Regulations. Certificate furnished with each shipment.**

Where personal selection of stock is made at our Nursery we charge according to its value.

PHILADELPHUS Grandiflorus

	Each	10	100
ACANTHOPANAX Pentaphyllum. 2 to 3 ft.	$0.30	$2.00	$18.00
3 to 4 ft.	.35	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
ALMOND. See Prunus glandulosa.			
AMELANCHIER Canadensis (Shadblow). 18 to 24 in.	.30	2.50	.....
2 to 3 ft.	.40	3.00	.....
AMORPHA Fruiticosa. 3 to 4 ft.	.30	2.25	17.00
4 to 5 ft.	.35	2.50	20.00
ARALIA Spinosa (Devil's Walkingstick). 4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.50	.....
6 to 8 ft.	.75	6.50	.....
ARONIA Melanocarpa Nigra. 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
AZALEA Mollis. (Chinese Azalea). 12 to 15 in., B. & B.	1.00	9.00	75.00
15 to 18 in., B. & B.	1.50	12.50	.....
18 to 24 in., B. & B.	2.00	17.50	.....
BERBERIS			
Koreana (Korean Barberry). Beautiful new variety, growing 6 ft. tall. Good foliage, richly colored in autumn. Bright red berries which persist over the winter. 18 to 24 in.	.40	3.00	25.00
2 to 2½ ft.	.50	4.00	30.00
Mentorensis. (Patent No. 99.) (New Evergreen Barberry.) 15 to 18 in.	.40	2.75	20.00
18 to 24 in.	.50	3.35	25.00
Thunbergii. 18 to 24 in.	.20	1.50	12.00
24 to 30 in.	.25	2.00	16.00
Thunbergii Atropurpurea. 15 to 18 in.	.20	1.75	15.00
18 to 24 in.	.30	2.50	20.00
24 to 30 in.	.50	4.00	30.00
Thunbergii Pluriflora Erecta (Trueledge Columnberry). (Patent No. 110.) 15 to 18 in.	.25	1.60	12.50
18 to 24 in.	.30	2.00	16.00
Prices on Berberis Mentorensis and Berberis Pluriflora Erecta are f. o. b., Painesville, Ohio.			
CARAGANA Arborescens. 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	15.00
4 to 5 ft.	.30	2.00	17.50
5 to 6 ft.	.35	2.50	20.00
CORNUS Alba Sibirica (Coral Dogwood). 2 to 3 ft.	.20	1.75	14.00
3 to 4 ft.	.25	2.00	16.00
4 to 5 ft.	.30	2.25	18.00
Amomum (Silky Dogwood). 3 to 4 ft.	.25	2.00	16.00
4 to 5 ft.	.30	2.25	18.00
Mas (Cornelian Cherry). 2 to 3 ft.	.50	4.50	.....
3 to 4 ft.	.60	5.50	.....
Paniculata. 2 to 3 ft.	.35	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.45	3.50	27.50
Stolonifera Flaviramea. (Goldentwig Dogwood).			
2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	17.50
4 to 5 ft.	.35	2.50	20.00
COTONEASTER Acutifolia. 2 to 3 ft.	.30	2.75	25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	.....
Divaricata. 3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	30.00

COTONEASTER—Continued.

	Each	10	100
Horizontalis. 2 to 2½ ft., B. & B.	$1.50	$12.50	.....
2½ to 3 ft., B. & B.	1.75	15.00	.....
Racemiflora Soongarica. 3 to 4 ft.	.60	5.00	.....
4 to 5 ft.	.75	6.00	$50.00
CRAB, See Malus, page 32.			
CRATAEGUS. See page 32.			
CYDONIA Japonica. 18 to 24 in.	.25	2.00	15.00
DAPHNE Cneorum. 10 to 13 in., B. & B., bushy forcing grade, f. o. b. Ohio	....	7.00	60.00
ELAEAGNUS Angustifolia. 4 to 5 ft.	.40	3.50	25.00
Argentea (Silverberry). 4 to 5 ft.	.50	4.00	.....
ELSHOLTZIA Stauntoni. (Heathermint.) 18 to 24 in.	.40	3.50	.....
EUONYMUS Alatus (Burning Bush.) 2 to 3 ft.	.50	4.00	.....
Alatus Compacta. 18 to 24 in.	.60	5.50	.....
24 to 30 in.	.75	....	.....
4 ft., specimens	1.75	....	.....
Europaeus. (European Burning Bush.) 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
EUONYMUS Radicans (Wintercreeper) An excellent evergreen for sun or shade; small, dark shiny green leaves. 12 to 15 in.	.30	2.50	.....
15 to 18 in.	.40	3.50	.....
Radicans Colorata. (Bronze Winter Creeper.) Foliage bright red during the winter months. 12 to 15 in.	.25	2.00	15.00
15 to 18 in.	.30	2.50	18.00
18 to 24 in.	.35	3.00	20.00
Radicans Vegetus. (Bigleaf Wintercreeper.) A trailing evergreen vine with large leaves. Excellent as a ground-cover and for use with evergreen. Orange-scarlet berries in fall. 12 to 15 in.	.40	3.50	30.00
15 to 18 in.	.50	4.00	35.00
15 to 18 in., B. & B.	.90	7.50	.....
EXOCHORDA Grandiflora. 4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
FORSYTHIA Intermedia. 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	14.00
4 to 5 ft.	.30	2.00	16.00
5 to 6 ft.	.35	2.25	18.00
Intermedia Spectabilis. 2 to 3 ft.	.20	1.80	14.00
3 to 4 ft.	.30	2.00	18.00
4 to 5 ft.	.40	3.00	25.00
Ovata. 2 to 3 ft.	.50	4.50	.....
Suspensa (Weeping F.). 2 to 3 ft.	.30	2.50	18.00
Suspensa Fortunei. 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	2.00	17.50
4 to 5 ft.	.30	2.25	20.00
5 to 6 ft.	.35	2.50	20.00
HAMAMELIS Virginica. (Witch Hazel.) 3 to 4 ft.	.60	5.50	.....
HYDRANGEA. Arborescens Grandiflora.			
18 to 24 in.	.30	2.50	20.00
2 to 3 ft.	.35	3.00	25.00
Paniculata Grandiflora. 18 to 24 in.	.30	2.50	20.00
2 to 3 ft.	.35	3.00	25.00
ILEX Verticillata. (Common Winterberry.)			
2 to 3 ft.	.45	4.00	35.00
3 to 4 ft.	.50	4.50	.....
KOLKWITZIA Amabilis. 2 to 3 ft.	.40	3.50	.....
3 to 4 ft.	.60	5.00	.....
LIGUSTRUM Amurense. (Armoor Privet, North.)			
18 to 24 in., heavy cut-back	...	.75	6.50
2 to 3 ft., heavy cut-back	...	1.00	8.00
3 to 4 ft., heavy cut-back	...	1.50	12.00
Ibolium. 18 to 24 in., heavy cut-back	...	.90	7.00
2 to 3 ft , heavy	...	1.00	8.00
3 to 4 ft., heavy	...	1.50	12.00
Ibota. 2 to 3 ft., heavy	...	1.20	10.00
3 to 4 ft., heavy	...	1.75	15.00
Ibota Regelianum. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
Chinese Elm Hedging—See Ulmus Pumila under Trees, page 32.			
LILAC, See Syringa.			
LONICERA (Bush Honeysuckle)			
Bella Albida. 3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.40	3.00	20.00
6 to 8 ft.	.45	3.00	25.00
Demissa. 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.40	3.00	.....
Fragrantissima (Winter Honeysuckle). 3 to 4 ft.	.30	2.50	.....
Korolkowi Floribunda. 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.00	35.00
Maacki Podocarpa. (Late Honeysuckle.) 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00

ORNAMENTAL SHRUBS—LONICERA—Continued.

	Each	10	100
Morrowii. 3 to 4 ft.	$0.25	$2.00	$17.50
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	2.75	22.50
Ruprechtiana. 2 to 3 ft.	.20	1.75	15.00
3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	20.00
Tatarica Alba. 2 to 3 ft.	.20	1.75	15.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
Tatarica Rosea. 2 to 3 ft.	.20	1.75	15.00
3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
MAHONIA Aquifolium. (Oregon Hollygrape.)			
12 to 15 in., B. & B.	.75	6.00	.....
15 to 18 in., B. & B.	1.00	7.50	.....
MORUS Alba Tatarica (Russian Mulberry).			
3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.30	2.50	20.00
PHILADELPHUS Avalanche (Syringa). 2 to 3 ft.	.25	2.00	16.00
3 to 4 ft.	.30	2.50	18.00
Bouquet Blanc. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
Coronarius. 2 to 3 ft.	.18	1.50	12.00
3 to 4 ft.	.20	1.75	14.00
4 to 5 ft.	.25	2.00	16.00
5 to 6 ft.	.30	2.50	18.00
Coronarius Aureus. 18 to 24 in.	.40	3.50	.....
24 to 30 in.	.50	4.00	.....
Favorite. 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.40	3.50	25.00
Glacier. 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.40	3.50	25.00
Grandiflorus. 2 to 3 ft.	.18	1.50	12.00
3 to 4 ft.	.20	1.75	14.00
4 to 5 ft.	.25	2.00	16.00
5 to 6 ft.	.30	2.50	18.00
Lemoinei. 2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.00	18.00
Nivalis. 3 to 4 ft.	.30	2.00	16.00
4 to 5 ft.	.35	2.50	20.00
Norma. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	30.00
Ophelia. 3 to 4 ft.	.40	3.00	.....
Pyramidalis. 2 to 3 ft.	.35	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	35.00
Virginal. 2 to 3 ft.	.25	2.25	20.00
3 to 4 ft.	.30	2.75	25.00
4 to 5 ft.	.40	3.00	27.50
5 to 6 ft.	.50	4.50	40.00
PHOTINIA Villosa. (Chinese Christmas Berry.)			
3 to 4 ft.	.50	4.50	.....
PHYSOCARPUS Monogynus. (Dwarf Ninebark.)			
2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	20.00
PHYSOCARPUS Opulifolius. (Common Ninebark.)			
3 to 4 ft.	.20	1.75	15.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	22.50
Opulifolius Aureus. (Goldenleaf Ninebark.) 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	25.00
POTENTILLA Fruticosa. 18 to 24 in.	.30	2.50	.....
2 to 3 ft.	.35	3.00	25.00
Prunus Besseyi (Hansen Bush Cherry).			
18 to 24 in.	.30	2.00	17.50
PRUNUS Glandulosa (Flowering Almond).			
Sinensis (Double Pink). 2 to 3 ft.	.40	3.50	.....
3 to 4 ft.	.50	4.00	.....
Triloba. See Trees, page 32.			
PYRACANTHA Coccinea Lalandi.			
18 to 24 in., B. & B.	1.50	....	.....
24 to 30 in., B & B.	1.75	15.00	.....
30 to 36 in., B. & B.	2.00	17.50	.....
RHAMNUS Cathartica (Buckthorn). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.30	1.75	15.00
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.00	25.00
Frangula. 3 to 4 ft.	.30	2.00	18.00
4 to 5 ft.	.35	2.50	20.00
RHODOTYPOS Kerrioides. 18 to 24 in.	.25	2.00	.....
2 to 3 ft.	.30	2.50	.....
RHUS Canadensis. 18 to 24 in.	.30	2.50	.....
2 to 3 ft.	.40	3.50	30.00
Cotinus (Smoketree). 2 to 3 ft.	.60	5.50	.....
3 to 4 ft.	.75	7.00	.....
Typhina Laciniata. (Shredded Sumac.) 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.40	3.00	.....
ROBINIA Hispida (Rose Acacia). 3 to 4 ft.	.50	4.00	.....
ROSA			
Dr. E. M. Mills. 2-year	.30	2.50	20.00
Hugonis. 2-year	.40	3.00	25.00
Multiflora Japonica. 3-year	.30	2.00	17.50
Rugosa Belle Poitevine. 2-year	.30	2.00	17.50
3-year	.35	2.50	20.00
Rugosa Blanc Double Coubert. 2-year	.30	2.50	20.00
Rugosa F. J. Grootendorst. 2-year	.35	3.00	25.00
3-year	.40	3.50	.....
Rugosa Pink Grootendorst. 2-year	.35	3.00	25.00
3-year	.40	3.50	.....
Rugosa Rubra. 2-year	.30	2.50	18.00
Setigera (Prairie Rose). 2-year	.25	2.00	18.00

	Each	10	100
SALIX Discolor (Pussy Willow). 3 to 4 ft.	$0.25	$2.00	$18.00
4 to 5 ft.	.30	2.50	20.00
Pentandra. (Laurel Willow.) 4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	2.75	22.50
Purpurea Nana. (Dwarf Blueleaf Arctic Willow.)			
12 to 15 in.	.30	2.50	16.00
SAMBUCUS Canadensis Acutiloba. (Cutleaf American Elder.) 4 to 5 ft.	.40	3.50	25.00
5 to 6 ft.	.50	4.00	30.00
Pubens. 4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
SORBARIA Sorbifolia. (Ural False Spiraea.) 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	22.50
SPIRAEA Arguta. 2 to 3 ft.	.25	1.80	14.00
3 to 4 ft.	.30	2.50	20.00
Billiardi. 3 to 4 ft.	.20	1.80	15.00
Bumalda Anthony Waterer. 15 to 18 in.	.25	2.00	16.00
18 to 24 in.	.30	2.50	20.00
Froebeli. 18 to 24 in.	.20	1.20	9.00
24 to 30 in.	.25	1.50	10.00
30 to 36 in.	.30	2.00	12.00
Thunbergi. 18 to 24 in.	.20	1.75	15.00
24 to 30 in.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
Trichocarpa (Korean S.). 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	20.00
Van Houttei (Bridal Wreath). 2 to 3 ft.	.15	1.20	10.00
3 to 4 ft.	.25	1.50	12.00
4 to 5 ft.	.30	1.75	14.00
5 to 6 ft.	.35	2.00	16.00
SYMPHORICARPOS Chenaulti. 2 to 3 ft.	.25	1.50	12.00
Racemosus. (Snowberry). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	14.00
Vulgaris (Indian Currant). 2 to 3 ft.	.20	1.25	10.00
3 to 4 ft.	.25	1.50	12.00
SYRINGA. Josikaea. 3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	35.00
Persian Purple. 2 to 3 ft.	.30	2.25	20.00
3 to 4 ft.	.35	2.50	22.50
Villosa. 3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	.....
Vulgaris Purpurea. 3 to 4 ft.	.30	2.00	16.00
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.50	30.00
NAMED FRENCH VARIETIES.			
Berryer, Charles Joly, Charles X, Deschartes, Ludwig Spaeth, Mad. Lemoine, Michael Buchner, Montaigne, Pres. Grevy. 2 to 3 ft.	.60	5.50	.....
Berryer, Buffon, Charles Joly, Deschartes, Ludwig Spaeth, Marie Legraye, Mad. Lemoine, Michael Buchner, Montaigne, Pres. Grevy. 3 to 4 ft.	.75	7.00	.....
Buffon, Charles Joly, Montaigne, Michael Buchner. 4 to 5 ft.	1.00	9.00	.....
Montaigne, Michael Buchner, Pres. Grevy. 5 to 6 ft.	1.50	....	.....

SPECIAL OFFER FRENCH HYBRID LILACS:

Named varieties, our selection, beautiful assortment of singles and doubles.

	Each	10	100
3 to 4 ft.	$0.60	$5.00	$45.00
4 to 5 ft.	.75	6.00	50.00
5 to 6 ft.	.90	7.50	65.00

	Each	10	100
Rhum Von Horstenstein, Marechal Lannes, Pres. Poincaire, Katherine Havemeyer. 2 to 3 ft.	$1.25	$10.00	.....
Lucie Baltet. 18 to 24 in.	1.25	....	.....
2 to 3 ft.	1.75	....	.....
TAMARIX Africana. 3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.30	2.25	16.00
5 to 6 ft.	.35	2.50	18.00
Amurensis. 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
VIBURNUM Americanum. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
Dentatum. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
Fragrans. 2 to 3 ft., B. & B	2.00	....	.....
3 to 4 ft., B. & B.	3.50	....	.....
Lantana. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	2.75	22.50
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	27.50
Lentago. 2 to 3 ft.	.40	3.50	.....
3 to 4 ft.	.50	4.00	.....
4 to 5 ft.	.60	5.00	.....
Molle. 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.35	3.00	.....
Opulus. 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
6 to 8 ft.	.75	6.50	.....
Opulus Sterile. 2 to 3 ft.	.40	3.50	25.00
Sieboldi. 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
ULMUS Pumila, Chinese Elm Hedging—See Trees.			
WEIGELA Floribunda. 2 to 3 ft.	.35	3.00	25.00
Rosea. 2 to 3 ft.	.25	2.00	15.00

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

All Prices are F. O. B. Our Nurseries, Western Springs, Ill.

Vaughan's Evergreens

Prices listed, unless otherwise noted, include balling and burlapping. All our Evergreens are two or more times transplanted.

	Each	10	100
ABIES Concolor (White Fir). Forms a compact symmetrical tree of blue green foliage.			
18 to 24 in.	$1.50	$12.50	.....
2 to 2½ ft.	1.75	15.00	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	3.00	27.50	.....
3½ to 4 ft.	4.50	42.50	.....
4 to 4½ ft.	5.50	.....	.....
4½ to 5 ft.	6.00	.....	.....
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green.			
15 to 18 in.	1.00	9.00	.....
18 to 24 in.	1.35	12.50	.....
24 to 30 in.	1.75	15.00	.....
2½ to 3 ft.	2.00	17.50	.....
JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.			
15 to 18 in. spread	1.75	15.00	.....
18 to 24 in. spread	2.50	22.50	.....
24 to 30 in. spread	3.00	29.00	.....
2½ to 3 ft. spread	3.75	35.00	.....
3 to 3½ ft. spread	4.25	40.00	.....
3½ to 4 ft. spread	5.00	47.50	.....
4 to 4½ ft. spread	5.50	52.50	.....
4½ to 5 ft.	6.00	57.50	.....
5 to 6 ft.	8.00	75.00	.....
6 to 7 ft.	10.00	90.00	.....
6 to 7 ft. specimens	12.50	.....	.....
7 to 8 ft.	12.00	100.00	.....
7 to 8 ft. specimens	15.00	.....	.....
8 to 10 ft.	14.00	120.00	.....
10 to 12 ft.	16.00	140.00	.....
Chinensis Pfitzeriana (Upright Pfitzer). These have been staked into an upright growing habit.			
3 to 3½ ft.	4.25	40.00	.....
3½ to 4 ft.	5.50	52.50	.....
4 to 4½ ft.	7.50	.....	.....
Chinensis Keteleeri (Keteleer J.). 2 to 2½ ft.	1.75	15.00	.....
2½ to 3 ft.	2.00	17.50	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.25	30.00	.....
7½ to 8 ft.	10.50	.....	.....
8 to 8½ ft.	12.00	.....	.....
Chinensis Procumbens. Long trailing branches; foliage glaucous green. 15 to 18 in. spread	1.75	15.00	.....
18 to 24 in. spread	2.00	17.50	.....
24 to 30 in. spread	2.75	25.00	.....
2½ to 3 ft. spread	3.25	30.00	.....
3 to 3½ ft. spread	4.00	37.50	.....
Communis Depressa Plumosa (Andorra Juniper). Of low spreading, irregular form with bright-green foliage, reddish-purple in fall. 12 to 15 in. spread	1.00	9.00	.....
15 to 18 in. spread	1.25	10.00	.....
18 to 24 in. spread	1.50	12.50	.....
2 to 2½ ft. spread	2.25	20.00	.....
2½ to 3 ft. spread	2.75	25.00	.....
3 to 3½ ft. spread	3.25	.....	.....
Japonica (Japanese J.). Vigorous grower with wide-spreading procumbent branches. 2½ to 3 ft.	3.50	.....	.....
3 to 3½ ft.	3.75	.....	.....
Sabina (Savin Juniper). Dark green foliage. Spreading, semi-erect branches. 15 to 18 in.	1.25	10.00	.....
18 to 24 in.	1.50	12.50	.....
2 to 2½ ft.	2.00	17.50	.....
Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground. 15 to 18 in.	.85	7.50	.....
18 to 24 in.	1.00	9.00	$80.00
2 to 2½ ft.	1.50	13.50	125.00
2½ to 3 ft.	2.00	17.50	150.00
Sabina Prostrata Horizontalis Glauca. Like the above, but with distinct steel-blue foliage. 18 to 24 in.	1.50	12.50	.....
2 to 2½ ft. spread	1.75	15.00	.....
2½ to 3 ft. spread	2.25	20.00	.....
3 to 3½ ft. spread	2.75	25.00	.....
Sabina Von Ehron. Semi-spreading, picturesque drooping branches, and very dark green foliage.			
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.50	32.50	.....
3½ to 4 ft.	4.25	40.00	.....
4 to 4½ ft. specimens	5.00	.....	.....
Scopulorum Hilli (Silver Colorado Juniper).			
3½ to 4 ft., sheared	$4.00	.....	.....
4 to 4½ ft., sheared	4.50	.....	.....
4½ to 5 ft., sheared	5.00	.....	.....
5 to 5½ ft., sheared	6.00	.....	.....
Squamata Meyeri (Meyer Juniper). Of dwarf, irregular growth and novel coloring in tones of green, white and pinkish-red. 2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	2.75	25.00	.....
3½ to 4 ft.	4.00	37.50	.....
4 ft. specimens	6.00	.....	.....
Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.			
2 to 2½ ft.	1.00	9.00	.....
2½ to 3 ft.	1.25	10.00	90.00
3 to 3½ ft.	1.75	15.00	125.00
3½ to 4 ft.	2.25	20.00	175.00
4 to 4½ ft.	3.00	27.50	.....
7 to 7½ ft. sheared	6.75	65.00	.....
8 ft. sheared	8.00	75.00	.....
9 ft. sheared	9.00	85.00	.....
10 ft. sheared	10.50	100.00	.....
11 ft. sheared	12.00	.....	.....
12 ft. sheared	15.00	.....	.....

JUNIPERUS Virginiana—Continued.	Each	10	100
Virginiana Cannarti (Cannart Red Cedar). Rich, deep green foliage, heavily tufted. 2 to 2½ ft.	$2.25	$20.00	.....
2½ to 3 ft.	2.75	25.00	.....
3 to 3½ ft.	3.25	30.00	.....
4½ to 5 ft.	5.25	50.00	.....
5 to 5½ ft.	5.75	55.00	.....
5½ to 6 ft.	6.50	62.50	.....
6 to 6½ ft.	7.50	72.50	.....
6½ to 7 ft.	8.50	.....	.....
7 to 7½ ft.	9.50	.....	.....
7½ to 8 ft.	10.50	.....	.....
8 to 9 ft.	12.50	.....	.....
Virginiana Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage.			
2 to 2½ ft.	1.75	15.00	.....
2½ to 3 ft.	2.25	20.00	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.25	30.00	.....
4 to 4½ ft.	3.75	35.00	.....
4½ to 5 ft.	4.25	40.00	.....
5 to 5½ ft.	4.75	45.00	.....
5½ to 6 ft.	5.25	50.00	.....
6 to 6½ ft.	6.50	62.50	.....
6½ to 7 ft.	7.50	72.50	.....
7 to 7½ ft.	8.50	82.50	.....
7½ to 8 ft.	10.00	.....	.....
8 to 8½ ft.	12.00	.....	.....
8½ to 9 ft.	14.00	.....	.....
9 to 10 ft.	16.00	.....	.....
Virginiana Pyramidiformia Hilli (Dundee J.).			
2 to 2½ ft.	2.00	17.50	.....
2½ to 3 ft.	2.65	25.00	.....
3 to 3½ ft.	3.00	27.50	.....
3½ to 4 ft.	3.50	.....	.....
Virginiana Schotti (Schott Red Cedar). Fresh green foliage that does not change in winter. 5 to 5½ ft.	5.00	47.50	.....
5½ to 6 ft.	5.50	52.50	.....
6 to 6½ ft.	6.50	62.50	.....
6½ to 7 ft.	8.00	.....	.....
7 to 7½ ft.	9.00	.....	.....
8 ft.	10.00	.....	.....
PICEA Canadensis Albertiana (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage. 12 to 18 in.	.90	7.50	.....
18 to 24 in.	1.50	12.50	.....
2 to 2½ ft.	2.00	17.50	$150.00
2½ to 3 ft.	2.25	20.00	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.25	30.00	.....
4 to 4½ ft.	3.75	35.00	.....
4½ to 5 ft.	4.25	.....	.....
5 to 5½ ft.	5.00	.....	.....
5½ to 6 ft.	5.50	.....	.....
6 to 6½ ft.	6.00	.....	.....
7 to 7½ ft.	7.50	.....	.....
Excelsa (Norway Spruce). 18 to 24 in.	.90	7.50	.....
2 to 2½ ft.	1.00	9.00	.....
2½ to 3 ft.	1.25	10.00	.....
3 to 3½ ft.	1.50	12.50	.....
4 to 5 ft.	2.00	17.50	.....
5 to 6 ft.	3.00	25.00	.....
6 to 7 ft.	3.50	30.00	.....
7 to 8 ft.	4.00	35.00	.....
8 to 9 ft.	5.00	45.00	.....
9 to 10 ft.	6.00	.....	.....
Pungens (Colorado Green Spruce). Bluish green foliage. 12 to 18 in.	.90	7.50	.....
18 to 24 in.	1.00	9.00	.....
2 to 2½ ft.	1.50	14.00	125.00
2½ to 3 ft.	2.00	17.50	150.00
3 to 3½ ft.	2.25	20.00	175.00
3½ to 4 ft.	2.75	25.00	.....
4 to 4½ ft.	3.25	30.00	.....
4½ to 5 ft.	3.75	35.00	.....
5 to 5½ ft.	4.50	42.50	.....
5½ to 6 ft.	5.00	47.50	.....
6 to 6½ ft.	6.00	55.00	.....
6½ to 7 ft.	7.50	.....	.....
Pungens Glauca (Colorado Blue Spruce). Selected blue form of the above. 18 to 24 in.	2.25	20.00	.....
2 to 2½ ft.	2.50	22.50	.....
2½ to 3 ft.	3.00	27.50	.....
3 ft.	4.00	37.50	.....
3½ ft.	4.75	45.00	.....
4 ft.	5.75	55.00	.....
4½ ft.	6.75	65.00	.....
5 ft.	7.75	75.00	.....
5½ ft.	8.75	85.00	.....
6 ft.	10.00	.....	.....
6½ ft.	12.00	.....	.....
7 ft.	15.00	.....	.....
7½ ft.	17.50	.....	.....
8 ft.	20.00	.....	.....

Larger Sizes, Prices on Application.

Pungens Moerheimi (Moerheimi Blue Spruce). Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce. 18 in.	3.00	27.50	.....
2 ft.	3.75	35.00	.....
2½ ft.	5.00	47.50	.....
3 ft.	6.50	.....	.....
3½ ft.	8.00	.....	.....
4 ft.	10.00	.....	.....
4½ ft.	12.50	.....	.....
5 ft.	15.00	.....	.....
5½ ft.	17.50	.....	.....
6 ft.	20.00	.....	.....

All Evergreens personally selected and tagged in the Nursery will be charged for according to their value, usually 25% above catalog price.

Vaughan's Evergreens—Continued

	Each	10	100
PINUS Montana Mughus (Mugho Pine). A low-growing round topped evergreen; fine for rock planting and foundation work. 18 in.	$2.25	$20.00	.....
2 ft.	2.50	22.50	.....
2½ ft.	3.00	27.50	.....
3 ft.	3.25	30.00	.....
3½ ft.	4.00	37.50	.....
4 ft.	4.75	45.00	.....
Nigra (Austrian Pine). 4 to 4½ ft.	2.75	25.00	.....
4½ to 5 ft.	3.25	30.00	.....
5 to 5½ ft.	4.00	37.50	.....
5½ to 6 ft.	4.50	42.50	.....
6 to 6½ ft.	5.25	50.00	.....
6½ to 7 ft.	6.50	.....	.....
Sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish green foliage.			
2½ to 3 ft.	1.00	9.00	$75.00
3 to 3½ ft.	1.25	10.00	.....
3½ to 4 ft.	1.50	12.50	.....
5 to 6 ft.	3.00	25.00	.....
TAXUS Cuspidata (Japanese Yew). 15 to 18 in.	1.75	16.00	.....
18 to 24 in.	2.50	22.50	.....
2 to 2½ ft.	3.50	32.50	.....
TAXUS Cuspidata Capitata (Upright Japanese Yew). 15 to 18 in.	1.25	10.00	.....
18 to 24 in.	2.00	17.50	.....
2 ft.	2.50	22.50	.....
2½ ft.	4.00	37.50	.....
3 ft.	5.25	50.00	.....
3½ ft.	6.25	60.00	.....
4 ft.	10.00	.....	.....
4½ ft.	12.00	.....	.....
5 ft.	13.50	.....	.....
5½ ft.	15.00	.....	.....
TAXUS Cuspidata Nana (Dwarf Japanese Yew).			
18 to 24 in.	3.75	35.00	.....
2 ft.	4.50	.....	.....
2 ft. heavy specimens	7.50	.....	.....
2½ ft. heavy specimens	9.50	.....	.....
TAXUS Media Hicksi (Hick's Yew). Very compact, narrow upright. 15 to 18 in.	1.25	11.50	.....
18 to 24 in.	1.75	15.00	.....
2 to 2½ ft.	3.00	27.50	.....
2½ to 3 ft.	4.25	40.00	.....
3 to 3½ ft.	6.00	57.50	.....
THUJA Occidentalis (American Arborvitae).			
18 to 24 in.	.75	6.50	.....
24 to 30 in.	.90	7.50	.....
2½ to 3 ft.	1.15	10.00	90.00
3 to 3½ ft.	1.40	12.50	100.00
3½ to 4 ft.	1.65	14.00	125.00
4 to 4½ ft.	1.90	17.50	.....
4½ to 5 ft.	2.25	20.00	.....
5 to 5½ ft.	2.50	22.50	.....
5½ to 6 ft.	3.00	27.50	.....
6 to 7 ft.	3.50	32.50	.....
7 to 8 ft.	5.00	45.00	.....
8 to 9 ft.	6.50	60.00	.....
9 to 10 ft.	8.00	.....	.....
10 to 12 ft.	12.00	.....	.....
Occ. Douglasi Pyramidalis (Douglas Pyramidal Arborvitae). Of compact, tall slender form; foliage dark green with lighter tips. 3 to 3½ ft.	2.25	20.00	.....
3½ to 4 ft.	2.75	25.00	.....
4 to 4½ ft.	3.00	27.50	.....
4½ to 5 ft.	3.50	32.50	.....
Occ. Globosa (Am. Globe Arborvitae). A round, compact form, dark green foliage. 15 in.	1.00	9.00	.....
18 in.	1.25	10.00	.....
21 in.	1.50	12.50	.....
24 in.	1.75	15.00	.....
Occ. Pyramidalis (Am. Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage. 18 to 24 in.	1.00	9.00	75.00
2 to 2½ ft.	1.35	12.50	100.00
2½ to 3 ft.	1.50	13.50	125.00
3 to 3½ ft.	1.75	15.00	140.00
3½ to 4 ft.	2.00	17.50	.....
4 to 4½ ft.	2.25	20.00	.....
4½ to 5 ft.	2.50	22.50	.....
5 to 5½ ft.	2.75	25.00	.....
5½ to 6 ft.	3.00	27.50	.....
6 to 6½ ft.	3.25	30.00	.....
6½ to 7 ft.	3.50	32.50	.....
7 to 8 ft.	5.00	.....	.....
Occ. Rosenthali (Rosenthal Arborvitae). Dark green dense foliage; compact grower. 18 to 24 in.	1.50	12.50	.....
24 to 30 in.	2.00	17.50	.....
2½ to 3 ft.	2.50	22.50	.....
3 to 3½ ft.	2.75	25.00	.....
3½ to 4 ft.	3.00	27.50	.....
Occ. Wareana (Ware Arborvitae). Of dense broad, pyramidal form with rich green foliage. Very hardy.			
2½ to 3 ft.	2.00	17.50	.....
3 to 3½ ft.	2.25	20.00	.....
3½ to 4 ft.	2.75	25.00	.....
4 to 4½ ft.	3.50	30.00	.....
4½ to 5 ft.	4.00	35.00	.....
Occ. Woodwardi (Woodward Globe Arborvitae).			
18 in.	1.25	10.00	.....

Hardy Vines

	Each	10	100
AKEBIA Quinata. A beautiful Japanese vine with unique foliage and chocolate-purple flowers. 3-year	$0.30	$ 2.50	$22.50
AMPELOPSIS Aconitifolia (Monkshood Vine). Attractive foliage; amber berries in autumn. 2-year	.20	1.75	12.00
3-year	.25	2.00	15.00
Engelmani. A hardy and quick-growing, self-clinging vine. 2-year	.20	1.50	10.00
3-year	.25	2.00	15.00
Quinquefolia (Woodbine). A good native vine valued for its bright crimson foliage in fall. 2-year	.20	1.50	10.00
3-year	.25	1.75	15.00
Veitchii (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year No. 1	.25	2.00	18.00
3-year	.35	3.00	25.00
ARISTOLOCHIA Sipho (Dutchman's Pipe). 2 yr.	.50	4.00	.....
BIGNONIA Radicans. Showy trumpet-shaped flowers of brilliant orange-scarlet. 2-year	.25	2.00	15.00
3-year	.30	2.50	17.50
CELASTRUS. Hardy climber, with orange-capsuled fruit in autumn.			
Scandens (American Bittersweet). 2-year	.25	2.00	18.00
CLEMATIS—Small-Flowering Paniculata. The finest small-flowering Clematis. Pure white, deliciously fragrant flowers. September. 2-year	.30	2.50	18.00
Virginiana (Virgin's Bower). Small white flowers in August. 2-year	.25	2.00	.....
CLEMATIS—Large-Flowering.			
Duchess of Edinburgh, double white; **Henryi,** single white; **Jackmani,** rich royal purple; **Mme. Ed. Andre,** wine red; **Ramona,** blue. 2-year No. 1	.50	4.00	37.50
2½-inch pots	.30	2.10	15.00
HEDERA Helix.			
English Ivy (Gracilis—Small-Leaved). Hardy 2½-inch pots	....	1.00	7.50
2-year	.40	3.50	.....
LONICERA—Honeysuckle, Heckrotti. Flowers dark red and creamy yellow. 2-year	.50	4.50	.....
Japonica Halliana (Hall's Japanese). Very fragrant pure white flowers changing to yellow. 2-year	.25	1.80	.....
Sempervirens (Scarlet Trumpet). Fuchsia-like scarlet flowers. 2-year	.25	2.00	18.00
POLYGONUM Auberti. Fast growing vine producing foamy masses of white flowers in late summer. 2-year	.35	2.50	.....
WISTERIA Magnifica. Vigorous grower. Purple-lilac flowers. 2-year	.25	2.00	15.00
3-year	.30	2.50	18.00

CANNAS

Dormant roots ready for January 1st.

***Improved Florence Vaughan** Owing no doubt to a deterioration in breeding stock, plants distributed under the name of Florence Vaughan have for several years been decidedly smaller, and inferior in color to the original variety, introduced by us. Making a search for stock of the original quality, we found it in Europe, and have propagated from carefully selected specimens to produce the improved type offered here. Giant flowers of vivid golden yellow, sprinkled with fine red dots, are borne on strong 4-foot stems. In our judgment, the best of all yellows. Green foliage ..... 10 for $1.00 — Per 100 $7.00 — Per 1000 $60.00

***King Humbert** 4-FT. SCARLET FLOWERS, BRONZE LEAVES, GREATEST FAVORITE TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage. Dormant roots .. 3.75 — 32.50

***Yellow King Humbert** 4 feet. An orchid-flowering sport of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect. Dormant Roots ..... 3.75 — 32.50

The President 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant Roots ..... 3.75 — 32.50

AMBASSADOR. 3½ to 4 ft. Considered an improved King Humbert. Bronze foliage; color poppy-red; very brilliant. Flowers are borne in immense trusses on strong stalks well above the foliage, the petals measuring 2 to 2½ inches across. Plant is very vigorous. Dormant Roots .. 4.50 — 40.00

COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial ..... 10 for $1.00 — 7.00 — 60.00

CITY OF PORTLAND. 3½ feet. Deep pink. Extra good flower. Does not fade. Green foliage ..... 4.00 — 35.00

EUREKA. 4 ft. Remarkably free-flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. Dormant Roots ..... 6.00 — 50.00

HUNGARIA. 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers La France pink. Dormant Roots ..... 4.00 — 35.00

LOUIS CAYEUX. 4 ft. Immense flowers of bright rosy scarlet, green foilage ..... 7.00 — 65.00

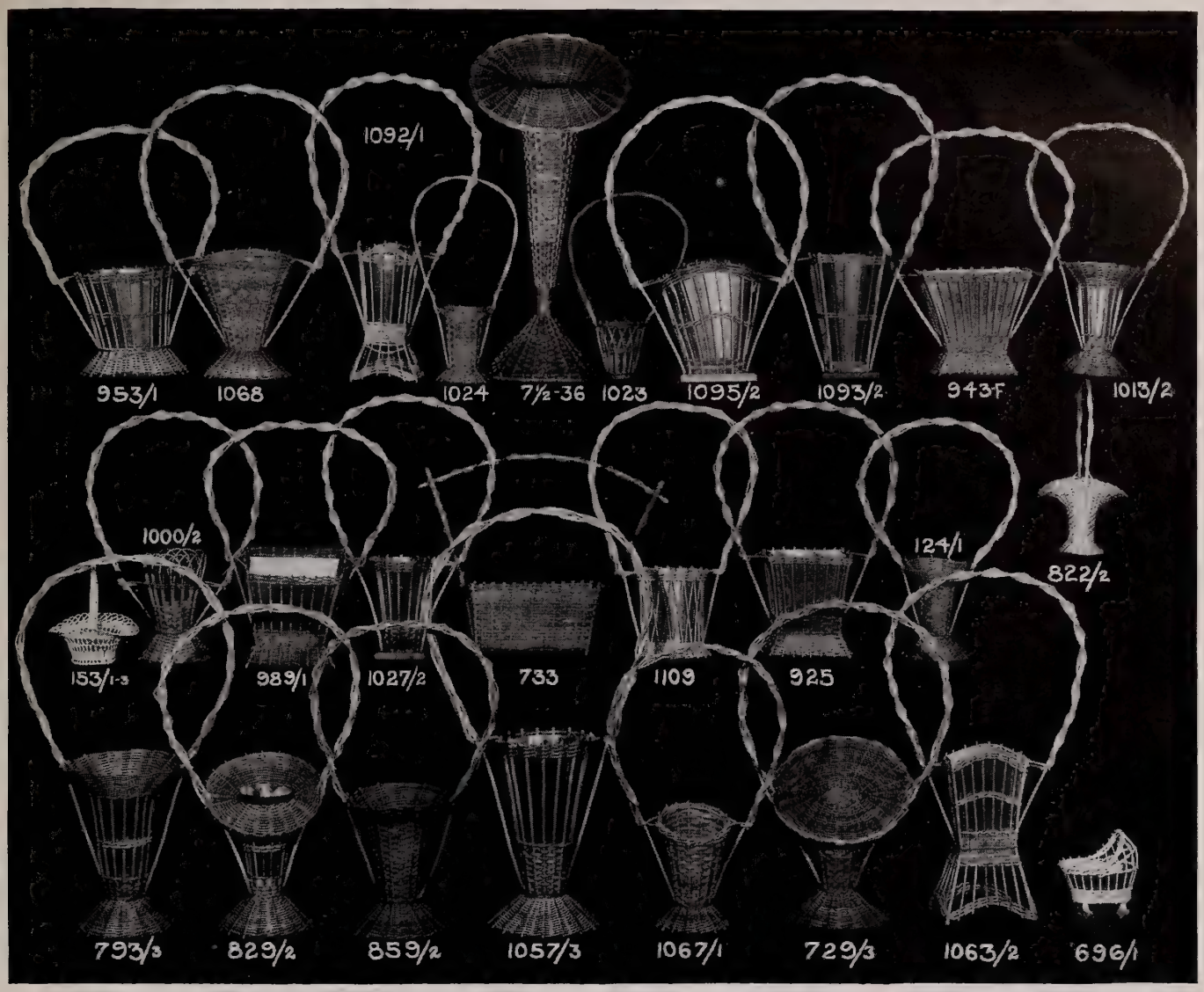
Ornamental and Shade Trees

All our trees are nursery grown and are one or more times transplanted.

	Each	10	100
ACER Dasycarpum (Silver Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	$0.75	$ 6.50	$50.00
8 to 10 ft., 1¼ to 1½ in. caliper	.90	7.50	60.00
10 to 12 ft , 1½ to 1¾ in. caliper	1.00	8.50	75.00
10 to 12 ft., 1¾ to 2 in. caliper	1.25	10.00	90.00
12 to 14 ft., 2 to 2¼ in. caliper	1.40	12.50	115.00
12 to 14 ft., 2¼ to 2½ in. caliper	1.75	15.00	125.00
14 to 16 ft., 2½ to 2¾ in. caliper	2.00	17.50	150.00
Dasycarpum Wieri (Wier Maple).			
10 to 12 ft., 1½ to 1¾ in. caliper	1.75	15.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.00	17.50	.....
12 to 14 ft., 2 to 2¼ in. caliper	2.25	20.00	.....
12 to 14 ft., 2½ to 3 in. caliper	3.00	27.50	.....
Ginnala (Amur Maple). 3 to 4 ft	.40	3.00	25.00
4 to 5 ft	.60	5.00	40.00
5 to 6 ft	.75	6.00	50.00
8 to 10 ft	1.50	12.50	.....
Platanoides (Norway Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	1.50	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.60	14.00	.....
16 to 18 ft., 3 to 3¼ in. caliper	3.50	32.50	.....
16 to 18 ft., 3¼ to 3½ in. caliper	3.75	35.00	.....
16 to 18 ft., 3½ to 3¾ in caliper	4.50	42.50	.....
16 to 18 ft., 3¾ to 4 in. caliper	5.00	47.50	.....
16 to 18 ft., 4½ in. caliper	7.00	65.00	.....
16 to 18 ft., 5 in. caliper	12.00	100.00	.....
18 to 20 ft., 6 in. caliper	18.00	.....	.....
Write for prices on larger sizes.			
Platanoides Schwedleri (Schwedler Maple).			
10 to 12 ft., 1¾ to 2 in. caliper	3.00	27.50	.....
12 to 14 ft., 2 to 2¼ in. caliper	3.25	30.00	.....
12 to 14 ft., 2¼ to 2½ in. caliper	3.50	32.50	.....
12 to 14 ft., 2½ to 2¾ in. caliper	4.00	37.50	.....
12 to 14 ft., 2¾ to 3 in. caliper	4.50	42.50	.....
14 to 16 ft., 3 to 3¼ in. caliper	5.00	47.50	.....
3½ in. caliper	5.50	50.00	.....
Saccharum (Sugar Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	1.50	12.50	.....
AILANTHUS Glandulosa (Tree of Heaven). 4 to 5 ft.	.35	3.00	.....
5 to 6 ft	.50	4.00	.....
6 to 8 ft	.65	6.00	.....
8 to 10 ft	1.00	9.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.00	17.50	.....
ARALIA Spinosa (See Shrubs).			
CATALPA Bungei. 5 to 6 ft., 1 year head	1.00	9.00	.....
5 to 6 ft., 2 year head	1.25	.....	.....
Speciosa. 8 to 10 ft., 1 to 1¼ in. caliper	.60	5.00	35.00
8 to 10 ft., 1¼ to 1½ in. caliper	.75	6.00	45.00
10 to 12 ft., 1½ to 1¾ in. caliper	.90	7.50	60.00
12 to 14 ft., 2 to 2¼ in. caliper	1.00	9.00	75.00
CHERRY, Japanese—See Prunus.			
CRATAEGUS (Hawthorn).			
Carrieri. 6 to 8 ft	2.50	.....	.....
Coccinea (Thicket Hawthorn). 3 to 4 ft	.75	6.00	.....
4 to 5 ft	1.25	10.00	.....
5 to 6 ft	1.50	12.50	.....
6 to 7 ft., B. & B	3.00	.....	.....
7 to 8 ft., B. & B	4.00	.....	.....
Cordata. 4 to 5 ft.,	1.25	10.00	.....
5 to 6 ft	1.75	15.00	.....
6 to 7 ft	2.50	22.50	.....
7 to 8 ft., specimens, B. & B	5.00	.....	.....
8 to 10 ft., specimens, B. & B	6.00	.....	.....
Crusgalli. 4 to 5 ft	1.75	15.00	.....
5 to 6 ft	2.00	17.50	.....
6 to 7 ft	2.50	22.50	.....
6 to 7 ft. sheared specimens, B. & B	7.50	.....	.....
Oxyacantha (English Hawthorn). 4 to 5 ft	1.00	9.00	.....
5 to 6 ft	1.75	15.00	.....
6 to 8 ft	2.00	17.50	.....
8 to 10 ft	2.50	.....	.....
Oxyacantha Splendens (Pauls Double Scarlet Hawthorn). 5 to 6 ft	2.00	17.50	.....
JUGLANS Nigra (Black Walnut).			
10 to 12 ft., 2½ to 3 in. caliper	2.50	20.00	.....
12 to 14 ft., 3 to 3½ in. caliper	3.00	25.00	.....
MALUS (Flowering Crab Apples).			
Atrosanguinea, Coronaria. 3 to 4 ft	.60	5.00	.....
Floribunda, Niedzwetzkyana, Atrosanguinea. 4 to 5 ft	.90	7.50	.....
Floribunda, Niedzwetzkyana, Atrosanguinea. 5 to 6 ft	1.25	10.00	.....
Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1¼ to 1½ in. caliper	2.50	22.50	.....
Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1½ to 1¾ in. caliper, specimens	3.00	27.50	.....
Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana. Sieboldi. 6 to 8 ft., 1¾ to 2 in. caliper, specimens	3.50	32.50	.....
Coronaria Floribunda, Sieboldi. 2 to 2½ in. caliper, specimens	5.00	.....	.....
Eleyi (New). 4 to 5 ft	.90	7.50	.....
5 to 6 ft	1.25	10.00	.....
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab).			
3 to 4 ft	.90	7.50	.....
4 to 5 ft	1.00	9.00	.....
7 to 8 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
7 to 8 ft. specimens, 1½ to 1¾ in. caliper	5.00	.....	.....
7 to 8 ft. specimens, 1¾ to 2 in. caliper	6.50	.....	.....
8 to 10 ft. specimens, 2 to 2¼ in. caliper	7.50	.....	.....
Sargenti. 3 to 4 ft	1.25	.....	.....
4 to 5 ft	1.75	.....	.....
5 to 6 ft	2.00	.....	.....
POPULUS Bolleana (Bolleana Poplar).			
6 to 8 ft	.75	6.50	50.00
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	75.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.25	10.00	.....

POPULUS—Continued.	Each	10	100
Nigra Italica (Lombardy Poplar). A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground. 6 to 8 ft	$0.40	$ 2.50	$20.00
8 to 10 ft., 1 to 1¼ in. caliper	.50	3.50	30.00
8 to 10 ft., 1¼ to 1½ in. caliper	.60	4.50	40.00
10 to 12 ft., 1½ to 1¾ in. caliper	.80	6.50	60.00
10 to 12 ft., 1¾ to 2 in. caliper	1.00	7.50	65.00
12 to 14 ft., 2 to 2¼ in. caliper	1.25	9.00	75.00
Simonsi Fastigiata (Narrow Simon Poplar).			
6 to 8 ft	.50	4.00	35.00
8 to 10 ft., 1 to 1¼ in. caliper	.60	5.00	40.00
8 to 10 ft., 1¼ to 1½ in. caliper	.75	6.00	50.00
PRUNUS Americana (American Plum). 3 to 4 ft	.25	1.80	15.00
4 to 5 ft	.30	2.00	18.00
5 to 6 ft	.35	2.50	20.00
6 to 8 ft	.40	3.00	25.00
Blirieana (Purple-leaved Flowering Plum) 5 to 6 ft.	1.00	9.00	.....
Newport (Purple-leaved). 3 to 4 ft	.60	5.00	.....
4 to 5 ft	.70	6.00	.....
5 to 6 ft	.90	7.50	.....
6 to 8 ft	1.50	12.50	.....
Padus (European Bird Cherry). 3 to 4 ft	.50	4.00	.....
4 to 5 ft	.60	5.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.50	12.50	.....
Tomentosa (Nanking Cherry). 2 to 3 ft	.30	2.50	.....
3 to 4 ft	.40	3.00	25.00
4 to 5 ft	.60	5.00	.....
Triloba (Flowering Plum). 2 to 3 ft	.50	4.00	35.00
3 to 4 ft	.60	5.00	45.00
4 to 5 ft	.90	7.50	.....
6 to 7 ft., 5 ft. spread, specimens, B. & B. $5.00 to	8.00	.....	.....
PRUNUS (Japanese Flowering Cherries).			
Autumnalis. 4 to 5 ft	2.00	17.50	.....
5 to 6 ft	2.25	20.00	.....
Amanogawa, Naden. 5 to 6 ft	1.75	15.00	.....
PRUNUS, Japanese Weeping Cherry, Double Pink Subhirtella Type. 5 to 6 ft. stems, 1-yr. heads	3.00	27.50	.....
QUERCUS Macrocarpa (Mossycup Oak).			
8 to 10 ft, 1 to 1¼ in. caliper	2.00	17.50	.....
8 to 10 ft., 1½ to 1¾ in. caliper	2.50	22.50	.....
8 to 10 ft., 1¾ to 2 in. caliper	3.50	.....	.....
Palustris (Pin Oak).			
8 to 10 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.00	17.50	.....
8 to 10 ft., 1½ to 1¾ in. caliper	2.50	22.50	.....
8 to 10 ft., 1¾ to 2 in. caliper	3.00	27.50	.....
Rubra (Red Oak). 6 to 8 ft	1.75	15.00	.....
8 to 10 ft., 1 to 1¼ in. caliper	2.25	20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.75	25.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.25	30.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.50	32.50	.....
10 to 12 ft., 2 to 2¼ in. caliper	4.00	37.50	.....
10 to 12 ft., 2¼ to 2½ in. caliper	4.50	42.50	.....
SALIX Babylonica (Babylon Weeping Willow).			
6 to 8 ft	.75	6.50	60.00
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	.....
SORBUS Aucuparia (European Mountain Ash).			
6 to 8 ft	1.00	9.00	.....
8 to 10 ft., 1 to 1¼ in. caliper	1.25	10.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.50	12.50	.....
TILIA Parvifolia (European Linden)	1.60	15.00	.....
6 to 8 ft	1.25	10.00	.....
8 to 10 ft., 1 to 1¼ in. caliper	1.50	12.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	1.75	15.00	.....
8 to 10 ft., 1½ to 1¾ in. caliper	2.00	17.50	.....
ULMUS Americana (American Elm).			
6 to 8 ft., ¾ to 1 in. caliper	.50	4.00	30.00
8 to 10 ft., 1 to 1¼ in. caliper	.65	5.00	40.00
8 to 10 ft., 1¼ to 1½ in. caliper	.75	6.00	50.00
10 to 12 ft., 1½ to 1¾ in. caliper	.90	7.50	65.00
10 to 12 ft., 1¾ to 2 in. caliper	1.15	9.00	75.00
10 to 12 ft., 2 to 2¼ in. caliper	1.25	10.00	90.00
12 to 14 ft., 2¼ to 2½ in. caliper	1.50	12.50	100.00
12 to 14 ft., 2½ to 2¾ in. caliper	2.00	15.00	125.00
12 to 14 ft., 2¾ to 3 in. caliper	2.50	20.00	175.00
12 to 14 ft., 3 to 3½ in. caliper	2.75	25.00	200.00
12 to 14 ft., 3½ to 4 in. caliper	4.00	37.50	350.00
14 to 16 ft 4 to 4½ in. caliper	5.00	45.00	.....
4½ to 5 in. caliper	6.00	55.00	.....
Americana Molini (Moline Elms).			
10 to 12 ft., 1½ to 1¾ in. caliper	1.50	14.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.00	17.50	150.00
12 to 14 ft., 2 to 2¼ in. caliper	2.25	20.00	175.00
12 to 14 ft., 2¼ to 2½ in. caliper	2.75	25.00	225.00
12 to 14 ft., 2½ to 2¾ in. caliper	3.25	30.00	250.00
12 to 14 ft., 2¾ to 3 in. caliper	3.50	32.50	300.00
14 to 16 ft., 3 to 3¼ in. caliper	4.00	37.50	.....
16 to 18 ft., 3¼ to 3½ in. caliper	4.75	45.00	.....
16 to 18 ft., 3½ to 3¾ in. caliper	5.75	55.00	.....
16 to 18 ft., 3¾ to 4 in. caliper	6.50	60.00	.....
4 to 4½ in. caliper	7.50	70.00	.....
Americana Urni (Vase-Shaped Elm).			
8 to 10 ft., 1 to 1¼ in. caliper	1.00	9.00	80.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.25	11.50	100.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.50	14.00	125.00
10 to 12 ft., 1¾ to 2 in. caliper	1.90	17.50	150.00
12 to 14 ft., 2 to 2¼ in. caliper	2.25	20.00	175.00
12 to 14 ft., 2¼ to 2½ in. caliper	2.50	22.50	200.00
14 to 16 ft., 2½ to 2¾ in. caliper	2.75	25.00	225.00
14 to 16 ft., 2¾ to 3 in. caliper	3.00	27.50	250.00
3 to 3¼ in. caliper	3.75	35.00	325.00
3¼ to 3½ in. caliper	4.50	42.50	.....
3½ to 3¾ in. caliper	5.25	50.00	.....
3½ to 4 in. caliper, specimens	10.00	.....	.....
4 to 4½ in. caliper	7.00	.....	.....
4 to 4½ in. caliper, specimens	15.00	.....	.....
Pumila (Chinese Elm). 5 to 6 ft	.50	4.00	35.00
6 to 8 ft	.70	5.00	40.00
8 to 10 ft., 1 to 1¼ in. caliper	.90	7.50	65.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.50	12.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	2.00	17.50	.....
10 to 12 ft., 2 to 2¼ in. caliper	2.50	22.50	.....
10 to 12 ft., 2¼ to 2½ in. caliper	3.00	27.50	.....

Write for prices on Elms in larger sizes.



Lowest Prices We Have Ever Quoted on Baskets

The Baskets we illustrate on this page are mostly well known styles. We can make any kind of a basket for you with your specifications. Give us a trial order for a $10.00 assortment of baskets and we assure you that you will be delighted with Vaughan's quality and price. Our baskets are two-tone finish unless otherwise desired.

No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each
124/1 Sp.	3½	10	25	$0.60
124/2	4	12½	28	.75
696/1	8 x 4½		8	.80
696/2	10 x 5½		9½	.95
729/2	4	14	28	1.05
729/3	6	17½	32	1.35
733	13½x 5¼	7	21	1.00
793/3	6¾	17	37	1.25
822/1	8½		16	.50
822/2	9½		18	.60
822/3	11		21	.70
829/1	5½	12	26½	.80
829/2	5½	17	32	1.10
859/1	5	11½	28	.80
859/2	5½	13	31	1.00
925	8½x 5	11	26	.90
953/1	9½x 7	11	26	1.00
953/2	12½x 7½	13	31	1.25
943F	11 x 7½	11	27	1.10
989/1	10 x 5½	11½	25	.95
989/2	11 x 5½	13	29	1.25
991/1	10 x 5½	21	41	1.50
991/2	10½x 7	23	48	1.75
1000/2	5½	11½	26	.85

No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each
1013/2	4½	12	27	$0.75
1023	3½	6	20	.30
1024	3½	7½	21	.40
1027	6	10½	27	.60
1057/1	5¾	13	32	.70
1057/2	7	15	33	.90
1057/3	8½	19½	41	1.35
1063/2	8 x 5	17½	35	1.25
1063/1	8 x 5	13½	30	1.00
1067/1	6	12½	29	.75
1067/2	7	17	34	1.05
1068	10 x 5½	13	30	1.20
1092/1	6½x 6½	14½	32	.85
1095/1	8½x 5¾	9½	26	.65
1095/2	10½x 6	12½	30	.90
1095/3	12 x 7½	13½	33	1.20
1095/4	13 x 9	14½	35	1.60
1095/5	16 x10½	17½	38	2.20
1093/2	7½x 7½	13	32	.90
1093/3	8 x 8	15	36	1.10
1109	6½	9	26½	.55
153/1-3	8½x11½		Set of 3	1.40

	24"	30"	36"	42"	48"
7½ Tiffany Vase / 7 Straight Vase	$2.00	$2.90	$3.30	$4.00	$4.60

Galvanized iron liner and weighted bottom.

Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ANTROL ANT POWDER. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Each, 15c; doz., $1.20; carton of 24 $2.40.

APHINE. ½ pt., 40c; pt., 75c; 1 qt., $1.10; 1 gal., $3.00.

ARSENATE OF LEAD. (Dry). For dusting and spraying. 1 lb., 30c; doz., $2.82; case of 24, $5.40; 4 lb. bag, 75c; case of 48 lbs., $5.40; 100 lbs., $10.00.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 80c; Doz., $6.40; 5 lbs., $2.25; 10 lbs., $4.00; 25 lbs., $8.95; 50 lbs., $16.75; 100 lbs., $32.00.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 30c; doz., $2.60; 4 lbs., 70c; case of 24 lbs., $3.00.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ¼ lb., 25c. Doz., $2.00.

CALCIUM, ARSENATE. (Dry.) Lb., 30c; 4 lbs., 70c.

COPPER SULPHATE. Crystals. 10 lbs., $1.50; 25 lbs., $3.50; 100 lbs., $12.50.

CUPROCIDE 54. Fungicide plant spray. Price per 3 lbs., bag, $1.15; case 16 packages, $15.36.

CUPROCIDE RED COPPER OXIDE. Use for dusting seeds to insure germination and prevent damping off. May be used as a spray for mildew. 1 lb., 90c; 5 lbs., $3.75; 20 lbs., $12.50; 50 lbs., $27.00.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. (By express only.) ½ lb., doz., $3.60; 1 lb., doz., $6.00; 5 lbs., each, $3.00. 4-oz. tins for ants, doz., $2.40; 25 lbs., $10.00; 100 lbs., $25.00.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphis, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. (By express only.) 5 lbs., $3.00; 25 lbs., $10.00; 100 lbs., $25.00. Write for leaflet. Freight prepaid on 100 lb. lots.

DERRISOL. Is an odorless non-poisonous liquid, which will control sucking insects like aphis, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; doz., $2.70; 8 oz., $1.20; 2 lbs., $3.00; 10 lbs., $12.00.

DENDROL DORMANT. Spray oil. Price, per gal., $1.25; 5 gals., $3.45; 15 gals., $8.80; 55 gals., $33.00.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., $4.80; gross, $46.08.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; doz., $3.00; 5 lbs., $1.50; 25 lbs., $4.50; 100 lbs., $11.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; doz., $2.50; 5 lbs., 95c; 10 lbs., $1.85.

FLOWERS OF SULPHUR. Dusting grade. Lb., 15c; 10 lbs., $1.00; 50 lbs., $2.45; 100 lbs., $3.85.

FORMACIDE DUST. Control "Damping off" of flower and vegetable seedlings. Price, 1 lb., 75c; 5 lbs., $2.00; 25 lbs., $5.50; 50 lbs., $9.00.

FUME TOBAC. 25 lb., drum, $5.00; 50 lb., drum, $8.00; 100 lb., drum, $15.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 60c; 1 qt., $1.00; gal., $3.00.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. 1 lb., 35c; 5 lbs., $1.25; 10 lbs., $2.25.

GRASSELI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Price, pt., 75c; gal., $4.75.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.25; 10 lbs., $4.00.

HITOX. Effective double active insecticide. Pint, $1.75; qt., $3.00; gal., $9.00; 5 gals., $40.00.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 30c; pt., 50c; qt., 75c; ½ gal., $1.50; gal., $2.50; 5 gals., $10.00.

LETHANE-440. A very effective insecticide for controlling red spider and mealy bug. Qt., $2.75; gal., $7.00; 5 gals., $30.00; 15 gals., $82.50.

LETHANE SPREADER. Gal., $1.80; 5 gal. can, $8.50.

LIME SULPHUR SOLUTION. Qt., 50c; gal., $1.25; 5 gals., $4.00.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pint, $2.00; gal., $10.50; 5 gals. $45.00.

McCONNON 114Y SPRAY. Qt., $2.50; gal., $8.50; 5 gals., $37.50; 10 gals., $70.00.

NAPTHALINE FLAKES. 10 lbs., $1.35; 25 lbs., $3.25.

NAPTOCIDE. New plant and bulb fumigant; effective against thrips, wood-lice, sow bugs, wire worms, etc. 5 lbs., $1.35; 25 lbs., $4.35; 50 lbs., $7.25; 100 lbs., $13.75.

"NICO-FUME." A Tobacco Paper for Fumigating. Strips of paper strongly saturated with Nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, $1.25; 144 sheets, $4.50; 288 sheets, $8.00.

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent nicotine. 1 lb., $2.25; 4 lbs. $5.75; 8 lbs., $10.00; 40 lbs., $40.00.

NICO-ROTE. A combination of Nicotine and Rotenone. Kills by contact and fumes. Qt., $4.00; gal., $12.00.

NICOTINE. Fumigating powder. 10 lb. cans, $5.85.

Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ACME Garden Guard. 1% Rotenone dust. 1 lb. sifter carton. doz., $2.64; case of 24, $5.04. Retails at 35c a pkg.

ANTROL ANT TRAPS. Kill both sweet and grease eating ants. Packed 12 in a display carton, retail at 10c each; carton of 12 traps, 80c.

ANTROL READY FILLED SETS Consisting of 4 patented glass feeders. Per doz. sets, $3.20. Retails at 40c set. Packed in a strong display carton.

ANTROL SETS for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4 oz. bottle antrol syrup. Per doz. sets, $6.00. Retails at 75c set.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, $2.70. Retails at 35c per tube.

BLACK LEAF 40. Oz. bottles, doz., $2.67; carton of 24, $5.30; 5-oz. bottles, doz., $8.00; 1 lb., $2.00 ea.; 2 lbs., $3.00 ea.; 5 lbs., $5.75 ea.; 10 lbs., $9.75 ea.

BUGGUN ROTENONE Dust in Blower type package. Doz., $3.00. Retails at 35c.

DAWG-GONE. Protects evergreens from dogs. Per doz. tubes, $2.00. Retails for $3.00.

MULTICIDE. New Evergreen. Killing power multiplied kills more insects, made especially for commercial growers, makes one spraying do the work of several. Gal., $9.90; 5 gals., $44.50; 10 gals., $86.00.

NICOTINE PYROX. 17.6 oz. jars, doz., $4.20; carton of 24, $7.84; 5 lbs., $1.50; case of 12, $14.00; 25 lb. drums, $5.65c; 50 lb. drums, $9.25.

PYROTE. Double acting non-poisonous insect spray. 1 oz. bottles, 12 to a display carton price, $2.75; 6 oz. bottles, 12 to a display carton price, $8.00; Pints, doz., $16.00.

RATKISSES. Put up on easel card holding 12—25c pkgs., containing 12 ratkisses each. Price, per card, $2.00; six or more cards at $1.80 per card.

RED ARROW Assortment for resale. Per carton of 24 oz. bottles and 2 ¼-pint bottles, price, $5.40. Retails for $10.40. ¼ pt., doz., $8.00; pt., $2.50; qt., $3.60; gal., $10.70; case 6—1 gal. cans at $10.35 gal.

ROTECIDE. Standard rotenone spray. Oz. bottles, doz., $2.50; per pint, $1.75; qt., $3.00; gal., $8.00; 5 gals., $35.00; 15 gals., $95.00.

SLUG SHOT. Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for $1.80; 5-lb. pkgs., 6 for $3.60; 125 lb. keg, $12.50; 250 lbs. in bulk, $24.00.

TREE TANGLEFOOT. 6 oz., doz., $3.00; case of 24 cans $5.60; 1-lb. cans, per doz., $5.85; per case of 24, $11.20; 5-lb. can, $2.45; case of 6 $13.20; 10 lbs., $4.50 each; case of 4 cans. $16.80; 25 lbs., $9.50 each.

NICO FUME PRESSURE FUMIGATOR. Put up in ½ lb. and 1 lb. cans, powder is now burned under pressure giving better control of insects. The cans have a sparkler for lighting the powder. ½ lb cans, 45c; six for $2.40; Doz., $4.20; 1 lb. cans, 75c; six for $3.75; doz., $7.00. Orders for 36 1 lb. cans or 60 ½ lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-FUME HOLDER. For 1 lb. size pressure fumigator adaptor is included for the ½ lb. size. Price, each, 85c.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5-lb. tin, $3.35; 10-lb tin, $5.85.

NIKOTEEN. 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; Doz., $2.50; ½ pt., $1.00, pt., $1.75; 3 pts., $5.00; original case 10 pts.; $16.00. 40% grade, 4 lbs., $5.75; 8 lbs., $10.00

NU-GREEN. A remedy for brown patch control in creeping bent lawns. 3 oz., tins each, 35c; doz., $3.00; carton of 36 tins, $8.40; 1 lb tins, each, $1.45, doz., $11.50; 5 lbs. each, $6.30; case of 6 tins, $28.20; Write for price on larger containers.

PARIS GREEN. A poisonous insecticide in powder form; for insects which chew. ¼ lb., 20c; Doz., $1.80, per lb., 40c; doz. $4.50; 5 lbs., $1.75; 14 lbs., $4.60.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., $1.75; 5 gals., $6.75.

POMO GREEN. Without nicotine. The new green Fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; doz., $4.00; 5 lbs., $1.75; 25 lbs. $8.00.

POMO GREEN. With nicotine. 1 lb., 75c; doz. $6.00; 5 lbs., $3.00.

PYRETHRUM POWDER. Per 1 lb., 75c; 5 lbs., $3.50; 10 lbs., $6.00; 25 lbs.; $13.95. Write for price on larger quantities.

RED-O-LEN. Bench powder. 10 lbs., $3.00; 25 lbs., $6.00; 100 lbs., $21.00.

RESPIRATORS. For mild fumigating and dusting. Each $1.75; 3 for $4.95.

ROTOGREEN. Formula 106. Very effective for Thrip, Mite, Red Spider and Mealy Bug, in addition to the more easily controlled pests, does not burn and leaves no poisonous residue. Pint, $1.75; qt., $3.00; gal., $10.00; 5 gals., $45.00.

SCALECIDE. An oil preparation for San Jose Scale. Qt., 65c; gal., $1.55; 5 gals., $5.50; 10 gals., $9.50.

SELOCIDE. Kills red spiders. Gal., $3.00; 5 gals., $13.50; 10 gals., $24.50; 30 gals., $58.50; 50 gals., $86.50.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Prices, 2 oz., 35c; Doz., $3.00; 1 lb., $2.25; 5 lbs., $9.90; 25 lbs., $45.50; 100 lbs., $180.00. Write for leaflets, stating for what purpose desired.
Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL. New with metaldihyde. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1 ½ lb., 35c; doz., $2.80; 4 lbs., 85c; doz., $6.80; 15 lbs., $3.00; doz., $24.00; 50 lbs., $5.33.

SULPHUR FOR SPRAYING. Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. Price, 4 lbs., 50c; 100 lbs., $8.00.

SULROTE. A combination dust sulphur and rotenone. 1 lb., canisters (24 per case), per doz., $3.20.

TARTAR EMETIC. A spray for the control of Thrip, a life saver for gladiolus growers. Price, 1 lb., 70c; 5 lbs., $3.00; 25 lbs., $13.50; 100 lbs., $50.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 65c; qt., $1.25; gal., $4.80

TOBACCO DUST. (Regular Grade.) 10 lbs., 60c; 25 lbs., $1.00; 100 lbs., $2.95.

TOBACCO STEMS. 100 lbs., $2.25; 500 lbs., $9.50; 1,000 lbs., $18.00.

TRI-OGEN. Fungicide insecticide and plant stimulant. A, small kit makes 16 qts., $1.50. B, medium kit makes 64 qts., $4.00. C, large kit makes 32 gallons, $6.00. D, estate kit makes 128 gallons, $20.00

VERMINE. For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. ½ pt., 40c; pt., 75c; qt., $1.10; gal., $3.00.

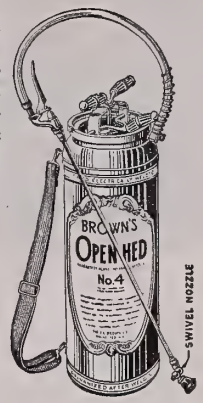
VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphis and thrips. Qt., 75c; gal., $2.00; 5 gals., $6.25; 14 gal. drum $14.00; 28 gal. drum $25.00; 54 gal. drum, $45.00.

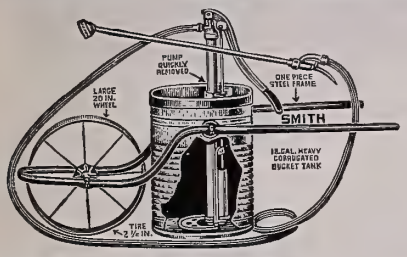
WILSON'S O. K. PLANT SPRAY. Price, qt., $1.00; gal., $3.00; 5 gals. for $12.00.

Sprayers and Dusters

SMITH'S LIGHTNING SPRAYER. A durable low priced sprayer, has a funnel top, made of heavy steel or solid brass, tank as illustrated. 3½ gallon capacity. Price, Galvanized, $3.95; Brass, $7.25.

BROWN'S NEW OPEN-HED. Tank heavy steel or brass copper alloy, 4-gal. capacity guaranteed for 100 lbs. pressure. Electrically welded seams, double acting pump lock; tank opening is five inches in diameter; has a rubber double grip pump handle and swivel nozzle which can be adjusted to any angle. Price complete as illustrated: Galvanized tank, $6.50; Copper, $9.25.





WHEELBARROW SPRAYER. Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or white wash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, $17.95. Shipping weight, 65 lbs.

Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, $27.95; with Pneumatic tire, $34.95.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price complete, $11.50.

Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheel barrow type truck. Complete with hose, rod and nozzles. Price, $19.50.

Paragon Power Sprayer. 50 gal. Complete with gas engine or electric motor hose nozzle and fittings. Price $210.00. **Write for leaflet on this sprayer.**

BLIZZARD COPPER CONTINUOUS SPRAYER. Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Each, $1.85; six for $8.40.

SMITH NEW STREAMLINE BLIZZARD CONTINUOUS SPRAYER

SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

We Are General Western Agents. None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6 in. high, each, $1.25; 3 for $3.45; doz., $12.00.

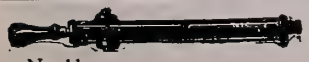
SMITH FLAME GUN

4 gal. heavy all-welded not riveted or soldered, corrugated fuel and air tank tested to 100 lbs., burns kerosene, range oil, stove or light furnace oil. Price complete, $16.00 (weight 17 lbs).

SYRINGES, BRASS. No. "0". Length 12½ in.; diameter 15/16 in. Ea., $2.50.

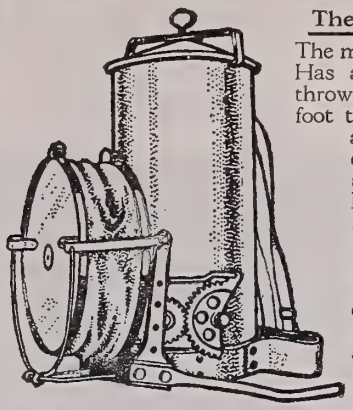
No. 11. Length 18 inches, 1 stream, 2 sprays, $6.25.

No. 5. Best for general greenhouse use. $7.00.



No. 11

SPRAYERS AND DUSTERS—Continued.



The American Beauty Duster. The most powerful hand duster made Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, $20.00. Write for leaflet on the American Beauty Dust Sprayer.

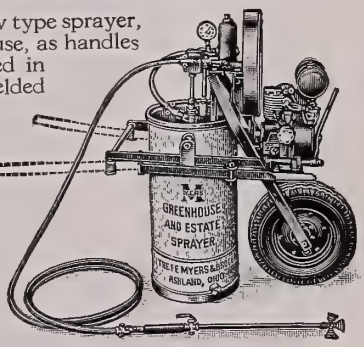
Blue Beauty Duster. A close second to the American Beauty. Each, $18.00.

CHALLENGE DUST GUN. For Dusting Lutzite, Devil Dust, etc. Adjustable to all conditions. Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Each, $12.95.

FEENEY MODEL B DUSTER. Each, 75c; doz., $6.60.

MYERS GREENHOUSE POWER SPRAYER

Power operated, wheelbarrow type sprayer, recommended for greenhouse use, as handles may be folded back, or reversed in narrow aisles. All steel welded frame, 12½-gal. galvanized tank, porcelain lined pump 225 lbs. pressure; ¼ H. P. motor or ½ H. P. gas engine. 15 ft. ⅜" hose, shutoff and nozzle, 18 ft. pipe extension. Motor driven with 50 ft. of Cord and Plug, Steel wheel, Fig. 3061, $78.00.

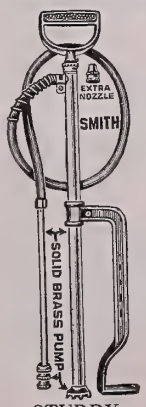


Motor driven with 50 ft. Cord and Plug, Rubber Tire $88.00.

Engine Driven, Steel Wheel..... $100.00

Engine Driven, Rubber Tire. Fig. 3062..... 110.00

The Kinney. Used for spraying liquid manures. Worked by Water pressure. Nickeled iron. Construction simple. Ea., $2.75.



STURDY PUMP

Perfection Sprayer. Funnel top tank is made of heavier metal than used for similar sprayers, while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. For Whitewash, Water, Paints, and Insecticides.

PERFECTION

Galvanized steel, $6.50; solid brass, $9.25.

Sturdy Bucket Pump. Excellent for use in gardens, greenhouses and orchards, also for whitewashing and spraying poultry houses. Price, without pail, $3.75.

Write for leaflet and price list on Hardie Greenhouse Special Power Sprayer.

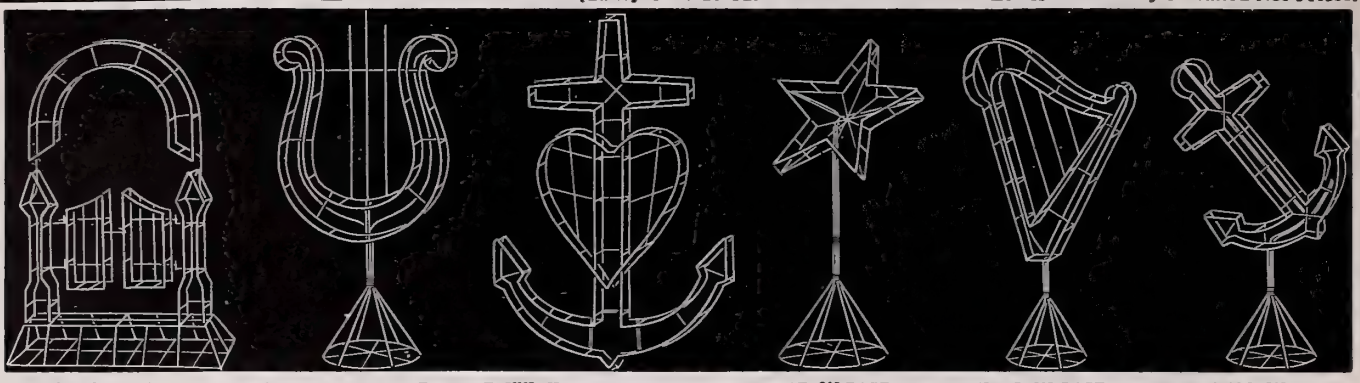
Florists' Wire Designs

F. O. B. NEW YORK
New York Terms Net
No Packing Charges

Many other and odd designs can be made and supplied on short notice, but they are made entirely at the risk of the buyer as to correctness; we accept orders on no other basis. Large Discount if you order big. Send us your list for estimate. We meet all honest competition on these goods, quality considered.

F. O. B. CHICAGO
DISCOUNTS:
5% on orders of $10.00 or over
10% on orders of 20.00 or over
15% on orders of 40.00 or over
20% on orders of 75.00 or over

Compare These Prices. They are Much Lower than Many so-called Net Prices.



GATES AJAR — LYRE ON BASE — FAITH, HOPE AND CHARITY — STAR ON BASE — HARP ON BASE — ANCHOR ON BASE

ANCHORS—Flat

Inch	Price	Inch	Price
10	$0 20	20	$0 50
12	25	22	55
14	30	24	60
16	35	27	70
18	45	30	90
		36	1 05

Anchor on Base

12	45	22	95
14	55	24	1 10
16	65	27	1 25
18	75	30	1 50
20	85	36	2 00

Anchor and Cross on Base

12	45	20	75
14	50	24	85
16	55	27	1 15
18	65	30	1 35
		36	1 75

ANCHOR and CROSS

10	20	20	45
12	25	22	50
14	30	24	60
16	35	27	70
18	40	30	90
		36	1 25

BASES

5	18	9	40
6	20	10	50
7	25	11	75
8	35	12	1 00

HANGING BASKETS
Plain Top

8...doz.	2 10	16...doz.	4 00
10	2 25	18	5 00
12	2 60	20	7 00
14	3 00	22	9 00
		24	10 00

Hanging Baskets, Fancy Top

8...doz.	2 75	16...doz.	5 75
10	3 25	18	7 50
12	3 50	20	8 50
14	4 50	22	10 00
		24	12 00

BELLS—Single Frame

8....each	25	15....each	60
10	30	18	80
12	40	21	1 15

Bells. Double Frame

10	60	15	1 00
12	75	18	1 35
		21	1 75

BROKEN WHEEL
On Reclining Stand

15	65	27	1 50
18	75	30	1 90
21	1 00	33	2 50
24	1 25	36	3 00

Broken Wheel on Easel

15	85	27	2 25
18	1 10	30	2 50
21	1 40	33	3 25
24	1 75	36	3 75

Broken Wheel on Base

15	80	27	2 35
18	1 20	30	2 75
21	1 50	33	3 50
24	1 85	36	4 50

CASKET CROSS

12	24	24	60
15	30	27	80
18	35	30	85
21	45	33	1 00
		36	1 25

CRESCENT

10	15	16	28
12	18	18	35
14	23	21	50
		24	70

Crescent on Base

10	35	16	70
12	45	18	85
14	55	21	1 00
		24	1 25

CRESCENT WREATHS

Inch	Price	Inch	Price
10	$0 15	21	$0 50
12	18	24	60
14	25	27	85
16	30	30	1 15
18	35	36	1 40

Crescent Wreath on Round Base

10	50	21	1 15
12	60	24	1 50
14	70	27	2 00
16	80	30	2 30
18	90	33	3 50
		36	4 00

Crescent Wreath on Reclining Stand

10	25	21	70
12	30	24	90
14	35	27	1 50
16	40	30	2 10
18	55	33	2 55
		36	3 00

CROSSES—FLAT

		27	30
10	06	30	45
12	08	33	50
14	09	36	75
16	12	42	1 25
18	15	45	1 50
20	18	48	1 75
22	21	54	2 00
24	25	60	2 50

Crosses on Round Base

10	20	27	85
12	25	30	1 00
14	30	33	1 25
16	35	36	1 50
18	40	42	2 00
22	55	48	3 00
24	65	54	4 00
		60	5 00

MALTESE CROSSES

10	20	18	40
12	25	20	50
14	30	22	60
16	35	24	85
		28	1 25

SLANTING CROSS

12	18	24	55
14	20	27	65
16	25	30	80
18	30	33	1 00
20	35	36	1 25
22	40		

COLUMBIAN KNIGHTS. Flat

15	1 00	21	1 50
18	1 25	24	1 75

Columbian Knights. On Easel

15	1 50	21	2 25
18	1 75	24	3 00

GATES AJAR. Single Arch

15 Base	85	18 Base	1 25
18 "	1 00	24 "	1 50

Gates Ajar. Double Arch

15 Base	1 25	27 Base	2 40
18 "	1 40	30 "	3 00
21 "	1 65	33 "	4 00
24 "	1 90	36 "	5 00

HARPS—Flat

Inch	Price	Inch	Price
12	$0 30	24	$0 70
15	35	27	80
18	45	30	1 00
21	60	36	1 35

Harps on Round Base

12	50	24	1 25
15	60	27	1 50
18	80	30	1 75
21	90	36	2 00

Harps on Reclining Base

12	45	24	90
15	50	27	1 00
18	60	30	1 25
21	80	36	1 75

HEARTS—Solid

8	12	18	35
10	15	20	45
12	18	22	55
14	20	24	70
16	25	27	1 00
		30	1 35

Hearts on Base

8	35	16	70
10	45	18	85
12	50	20	1 00
14	60	22	1 25
		24	1 50

Hearts on Reclining Stand

10	30	18	75
12	40	20	1 00
14	45	22	1 35
16	55	24	1 65

OPEN HEARTS

10	25	18	60
12	35	21	75
14	40	24	95
16	50	27	1 20
		30	1 80

Open Heart on Round Base

10	50	18	1 10
12	60	21	1 40
14	70	24	1 75
16	85	27	2 15

Open Heart On Reclining Stand

10	35	18	90
12	45	21	1 15
14	55	24	1 50
16	65	27	2 00
		30	2 50

HORSESHOES

12	20	24	80
14	25	30	1 25
16	30	36	1 75
18	40	48	3 50
21	50		

KNIGHTS OF PYTHIAS DESIGN
New Style Wreath on Easel

21	2 00	24	2 50

KNIGHTS TEMPLAR
On Easel

18	1 50	30	3 50
24	2 25		

MASONIC DESIGNS
Square and Compass Flat

12	35	24	1 35
14	40	27	1 50
16	50	30	1 75
18	65	33	2 10
21	1 00	36	2 35

On Reclining Stand

14	60	27	1 75
16	75	30	2 00
18	1 00	33	2 50
21	1 25	36	2 85
24	1 50		

Masonic Square and Compass On Easel

14	65	27	1 85
16	75	30	2 15
18	1 00	33	2 50
21	1 35	36	3 00
24	1 60		

Masonic Square and Compass On Base

Inch	Price	Inch	Price
12	$0 60	24	$1 75
14	70	27	2 25
16	90	30	2 75
18	1 25	33	3 50
21	1 50	36	4 00

ODDFELLOWS' DESIGN

Flat		On Base	
18	60	18	1 00
21	70	21	1 10
24	80	24	1 25

PILLOWS

12	20	24	60
14	25	27	80
16	35	30	1 25
18	40	36	1 75
21	45	48	3 50

STARS—Flat

6	10	18	35
8	12	21	45
10	15	24	60
12	20	27	1 00
14	25	30	1 25
16	30		

TRIANGLES. Flat

Inch	Price	Inch	Price
10	$0 18	18	$0 35
12	20	21	50
14	25	24	65
16	30	27	95

On Reclining Stand

10	30	16	50
12	35	18	65
14	45	21	80
		24	1 00

WOODMAN DESIGN

18	1 50	30	2 50
24	1 75	36	3 50

Woodman Design on Easel

18	1 25	24	1 50
		30	2 00

Special Prices on Easels and Wreaths are NET Prices.

Easels

Inch	100	Inch	100
18	$ 4.25	36	$11.00
21	4.75	42	25.00
24	5.25	48	32.00
27	6.00	54	50.00
30	8.00	60	62.00
33	9.50		

Wreaths

Inch	100	Inch	100
10	$ 2.75	21	$ 7.00
12	3.25	22	7.50
14	3 75	24	9.00
16	4.25	27	14.00
18	4.75	30	20.00

MOSS FILLED WREATHS AND DESIGNS

Machine made Sphagnum Moss filled designs always ready to use. NET Prices.

Spray Bars
3½ ins. wide, 2 ins. thick

Length	Each	Length	Each
8 ins.	$0.09	20 ins.	$0.17
12 ins.	.10	22 ins.	.18
14 ins.	.11	24 ins.	.20
16 ins.	.13	30 ins.	.23
18 ins.	.15		

Spray Bars
4½ ins. wide, 2½ ins. thick

Length	Each	Length	Each
18 ins.	$0.22	36 ins.	$0.40
24 ins.	.27	42 ins.	.45
30 ins.	.34	48 ins.	.50

Spray Bars
6 ins. wide, 2½ ins. thick

Length	Each	Length	Each
24 ins.	$0.33	42 ins.	$0.55
30 ins.	.38	48 ins.	.70
36 ins.	.43		

Crosses

Size	Each	Size	Each
18-in.	$0.25	30-in.	$0.50
20-in.	.28	33-in.	.60
22-in.	.31	36-in.	.80
24-in.	.35	42-in.	1.20
27-in.	.41	48-in.	1.65

Hearts—Solid

Size	Each	Size	Each
16-in.	$0.45	24-in.	$0.90
18-in.	.60	27-in.	1.15
21-in.	.75		

Wreaths

Size	Each	Size	Each
10-in.	$0.13	24-in.	$0.40
12-in.	.15	27-in.	.50
14-in.	.18	30-in.	.70
16-in.	.22	33-in.	.90
18-in.	.26	36-in.	1.10
20-in.	.30	42-in.	1.75
22-in.	.35	48-in.	2.50

Pillows
NEW IMPROVED

Size	Each	Size	Each
16 ins.	$0.60	24 ins.	$0.90
18 ins.	.70	27 ins.	1.10
21 ins.	.80	30 ins.	1.35

Casket Panels

Wide	Long	Thick	Each
12 ins.	36 ins.	2½ ins.	$0.95
14 ins.	36 ins.	2½ ins.	1.05
16 ins.	36 ins.	2½ ins.	1.20
18 ins.	36 ins.	2½ ins.	1.30
20 ins.	36 ins.	2½ ins.	1.50

Shade Cloth.

Plain Black, rubber coated, 54 inches wide, at 28c per yard.
Aluminized Surface, over black rubber coated 54 inches wide, at 37c per yard.
For seaming, add 4c per yard of seam. Write for sample.

PACKING CHARGES AT COST

Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.

Radiance

Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, 85c. Box of 20 spools at 80c spool.

Novelty Tinsel Pot Tie Ribbon. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width ¾ inch. Per bolt, 50c; 10 bolts for $4.75.

Picot Edge White Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 65c; 10 spools for $5.50.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz., $6.00.

Tinsel Ribbon. ¾ inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50-yd. spool, 90c; 10 spools, $8.50.

Plain 3-Stripe Imported French Chiffon. Superior quality in all popular shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 5c; 6-inch, per yard, 6½c; in 6-bolt lots, 6c per yard.

Dotted Chiffons, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 6-inch, per yard, 8c.

Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, $1.25.

Corsage Ties (Cord and Tassels). Per doz., 65c; per gross, $6.50.

Metaline. This ribbon has a bright metallic lustre with striped edges, width 5½ inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, $1.20; ten bolts, $11.50.

Ribbonzene Crinkle Baby Ribbon No. 1. For tying cards. All colors. 500-yard spool, 90c; doz. spools, $10.20.

Valley Pattern Chiffon. Pink, white, lavender and purple. 6-inch, per yard, 8c. Six bolts at 7½c per yard.

Special Metaline. Approximately 5 inches wide. A popular number for use on low priced work, all shades. 40-yd. bolts, per bolt 95c; 10 bolts for $9.00.

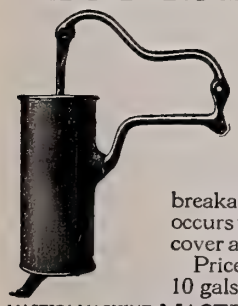
Rubberized Shoulder Shields. Per doz., 75c; gross, $7.00.

Corsage Shields, Shoulder or Wrist Shields. Chiffon edge. Per doz., $1.25; per gross, $12.50.

Waist Shields. Chiffon edge. Corsage large, medium and small. Per doz., $1.50; per gross, $15.00.

Glazing Tools and Materials

ALL THE BEST MATERIALS FOR GREENHOUSE USE


MASTICA MACHINE

PUTTY BULB

MASTICA, For Glazing Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass easily removed and replaced by new without breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side). Price, per gal., $2.45; 5 gals., $11.75; 10 gals., $23.00.

MASTICA MACHINE—Each, $3.00.

GARLANITE The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60-gal. drums, $2.30 per gal.; kegs, 10 and 20 gals., $2.35 per gal.; 5-gal. kegs, $2.50 per gal.; gal. cans, $2.55. 10 gals. or more prepaid.

GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., $3.50; 50 lbs., $6.50; 100 lbs., $12.00; 200 lbs., $22.00; 300 lbs., $33.00; 500 lbs., $52.50, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at $1.00 a gal.; 10 and 5-gal. drums at $1.30 a gal.; 1-gallon can, $1.50.

MODEL "O" SAFETY GLAZING GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, $4.25.

GLAZING PUTTY, Twemlow's Old English. Five gallons will glaze a house 100x20 feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., $2.60; 5 gals., $12.50; 10 gals., $24.50.

PAINT, Vaughan's Greenhouse White. This is a full oil paint, has good lustre and body and is not liable to peel off or crack. Per gal., $2.95; 5 gals., $14.00; bbl. at $2.65 gal.

PUTTITAPE. A wonderful new method of glazing new ever soft gum now mounted on tape, made of lead foil to protect it, comes to you in handy rolls. Just unroll on the sash and bars, price, 100 ft., $3.50; per 1,000 ft., $30.00.

CLAMP, Peerless Repair.

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, $1.25. Five boxes for $6.00.

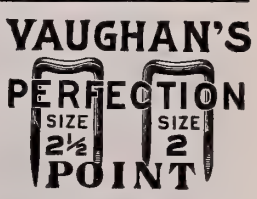
TROJAN ROLLER TYPE GLASS CUTTER. Doz., $1.80; each, 20c.

PUTTY KNIFE, No. 120. A very good tool. Each, 40c; 3 for $1.10.

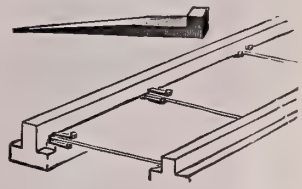
PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, $1.35; 3 for $3.75; doz., $13.00.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

No. 2. For large single thick glass.
No. 2½. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½. Per lb. (about 800), 60c; 5 lbs. at 55c per lb.
Write for prices in larger quantities.



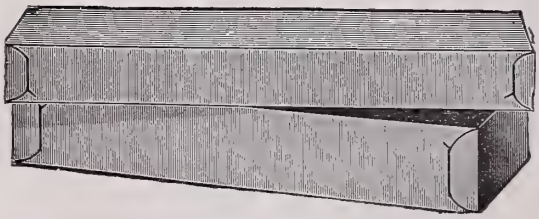
SIEBERT'S IMPROVED.



Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes, ⅝ and ⅞ inch long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of ⅝ in; over 1,000 points in 1-lb. pkg. of ⅞ in. Price: per lb., 50c; 5 lbs., $2.25; 20 lbs., $8.00.

Supplies for the Florist Shop

CUT FLOWER BOXES



Printing any single color. Per 1,000, $2.75.

Printing gold or silver. Per 1,000, $4.00.

When ordering printed boxes, allow a week or ten days extra for delivery.

VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Per 25	Weight Per 100	Per 100	Size in inches	Per 25	Weight Per 100	Per 100
18 x 5x3	$1.40	35 lbs.	$4.15	5x24x8	$2.75	70 lbs.	$ 8.25
3 x21x5	1.50	40 lbs.	4.35	5x28x8	2.90	90 lbs.	8.45
3½x24x5	1.75	50 lbs.	5 35	5x36x8	3.65	125 lbs.	11.45
3½x30x5	2.00	65 lbs.	6.00	5x42x8	4.65	165 lbs.	15.65

FLORAL DESIGN BOXES. Mist grey. Full telescope.

	Per 25	Per 100		Per 25	Per 100
No. 25. 7x30x12	$5.35	$18.95	No. 27. 8x20x20	$6.50	$23.25
No. 26. 8x36x14	7.75	25.95	No. 28. 8x24x24	8.45	31.00

Packed 25 complete per bundle.

CORSAGE BOXES. Shallow lid, mist grey.

	Per 25	Per 100		Per 25	Per 100
8x5x4	$1.15	$3.40	12x8x5½	$1.85	$5.65
10x6x5½	1.50	4.45			

Write for Special Discounts on quantity orders.

FLORAFOIL. Colored aluminum foil used for pot covers, etc. Rolls 20 inches wide. Colors violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, black and blue. Per 50-ft. roll, $1.10; six rolls for $6.00.

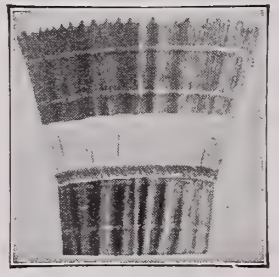
SATINET. The aristocrat of the florist foils. A smooth lustre—a soft as satin finish—a full range of colors, carefully chosen to blend harmoniously with Easter and spring flowers. Comes in rolls 50 feet long, 20 inches wide. It can be used effectively on corsages, on larger floral pieces, to wrap basket handles, and in many other ways. Satinet is available in Orchid, Sky-Blue, Nile Green, Pink, Purple, Red, Green, Gold, Fuchsia and Silver Blue. Per roll, $1.10; 6 rolls for $6.00.

Floralife

Helps flowers live longer. In handy display cartons. Price, carton of 100 pkgs., $5.00, your selling price, 10c per pkg.; 50 qt. size retails at 25c each. Price six cans for $8.00. 250 qt. size, each $6.00.

New Handy Seeder

This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 45c, postpaid; three for $1.10.



STICK-TO-IT POT COVERS. Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green.

	Doz.	100
5 in.	$0.85	$ 6.00
6 in.	1.10	7.50
7 in.	1.35	9.00
8 in.	1.50	10.50

Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream (480 sheets), $1.20; 10 reams (4,800 sheets), $10.50; F. O. B. New York, ream (480 sheets), $1.60; 10 reams (4,800 sheets), $13.00.

White Wax. Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, $1.60; F. O. B. New York, 480 sheets, $1.85.

Green Wax. Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, $1.75; 10 reams for $15.50; F. O. B. New York, 480 sheets, $2.10.

Green Wax Wreath Rolls. Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, $1.85; 3 boxes for $5.25.

Green Wax on Rolls. 24-inch width; approximate weight per roll, 48 lbs.; per lb., 22c.

Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 29c; per doz., $3.25; 25 rolls, $6.50; 100 rolls, $24.95.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 7½c; green Kraft plain, any size roll, per lb., 9c.

PAPER CUTTERS. 24, 30 and 36-in. Price, complete, $2.75; extra heavy cutters 48-in., each, $10.50; 60-in., each, $12.50.

MATS, Imported Japanese Chip. Used for decorating all blooming plants. Assorted colors, plain and two-tone, per 100, $5.95; 500 for $28.75.

FLORISTS WRAPPING PAPER. In four distinctive shades white, pink, blue and green, embossed cloverleaf design. In rolls 24, 30 and 36 inch widths. Samples on application. Price per lb., 11c.

Greenhouse and Florists' Supplies

Prices quoted in this catalogue are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

APRONS, RUBBER. These are especially made for us of the best quality sheeting, pliable and durable and extra long. Each, $1.75; 3 for $5.00. Postage, 20c each, extra.

RUBBER APRONS

Letters and Figures

BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4½c.

GOLD SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 20c; per 100 words, $1 75; per 1,000 words, $15.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1¼ in. Per 100, 25c; per 1,000, $2.00.

CABINET AND CARD ASSORTMENT. 1,000 assorted cards and Cedar Cabinet with hinged glass cover, $7.25.
Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

CARDS WITHOUT CABINET.

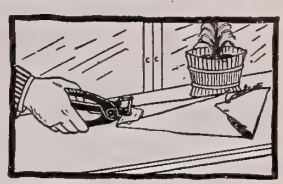
250 assorted at	$1.25	1000 assorted at	$3.50
500 " "	2.00	2000 " "	6.75

WHITE ENVELOPES, PLAIN. Size 2½x4¼", packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for $1.50.

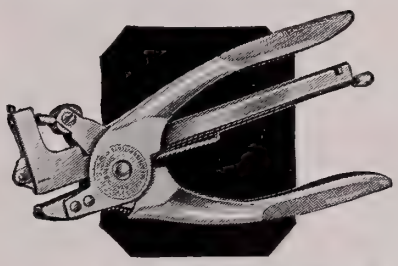
NEVA-CLOG STAPLING PLIERS

Florists Save Time and Make Money with Wide-Jaw Neva-Clog Stapling Pliers

Florists' Model F100



For wrapping plants and cut flowers, making up corsages, wreaths and light baskets, making paper flower pot covers, attaching delivery tags to plants and flowers, sealing seed and bulb envelopes and 101 other uses. Has ⅜-inch jaw and uses ¼-inch and 9/32-inch staples as listed elsewhere on this page. Price, each, $3.50.



STAPLES

All Neva-Clog staples are sharpened at the points to make easy penetration of material. The forming is perfect and the cohering very strong to prevent strips breaking upon being handled at high speed by workman. Both lengths are 100 to a strip, 7/16-inch crown, 1000 to a box.

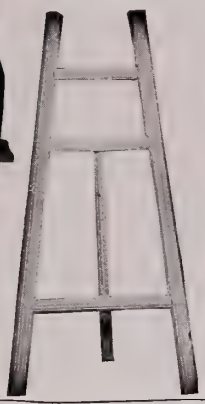
A—1000 ¼-inch legs. Per 1000, 35c
L—1000 9/32-inch legs. Per 1000, 35c
10,000 lots, per 1000, 30c
25,000 lots, per 1000, 27c
50,000 lots, per 1000, 25c

SCOTCH CELLULOSE TAPE DISPENSER. Heavy duty, each, $1.25; weight, 8 lbs.

TAPE TRANSPARENT

¼ in. wide, 4 rolls to box, 1 to 5 rolls at 82c each; 6 to 12 rolls at 74c each.

½ in. wide, 2 rolls to box, 1 to 5 rolls at $1.08 each; 6 to 12 rolls at 98c each.



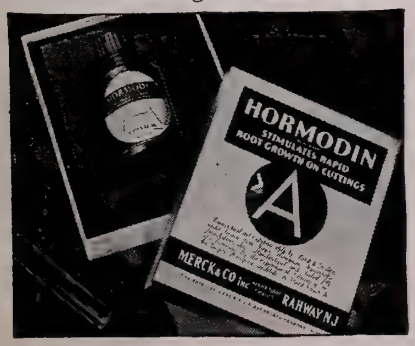
WOOD EASELS

Strong, well made, finished in white, green and lavender.

Height	Ea.	Per Doz.	Height	Ea.	Per Doz.
36 inch	35c	$3.80	54 inch	53c	$5.60
42 inch	40c	4.50	60 inch	58c	6.40
48 inch	48c	5.00	66 inch	65c	6 80

HORMODIN The Root-Forming Chemical

A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices F. O. B. shipping point. Hormodin is mailable. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin of recommended strength for from 4 to 48 hours, according to directions. Cuttings so treated root quicker and have more growing roots.



Size of Pkgs. in B. T. I. Units	Price per Package
20	$ .50
60	1.00
240	2.50
480	4.50
960	8.00

All Postpaid.

Hormodin Powder Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., $6.00.
No. 1 Powder 1¾-oz. tin, each, 50c; lb., $3.00. No. 3 Powder 1-oz. tin, each, $1.00; lb., $4.50.
No. 2 Powder 1¾-oz. tin, each, 75c; lb., $4.50.

Fruitone. The hormone spray for stopping pre-harvest drop. 2-oz., $1.00; 12 oz., $5.00.

Mackwin Vitamin B1. A display card of 24—½ oz. bottles of liquid vitamin B1. Price $5.30; retails at 35c each.

ROOTONE PATENTS PENDING

A hormone powder easy to use; anyone can apply safely; no skill is needed to apply Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, ¼-oz. pkt., 25c; doz., $2.00; 2-oz. jar, enough to treat 3,000 cuttings, $1.00; 1-lb. jar will treat up to 30,000 cuttings, $5.00. **Write for leaflet all postpaid.**

Transplantone For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. 1 oz., 50c; 3 oz., $1.00; 1 lb., $4.00.

Zoom Vitamin B1. The bottle has a dropper top. 2-oz. bottle, each $1.00; display box of 12 bottles, $7.33.

Thermometers

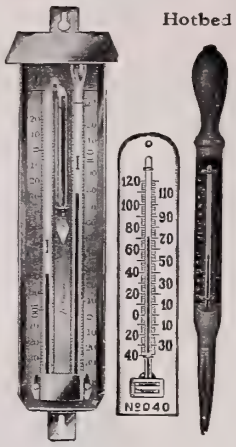
THERMOMETERS. 8-in., accurate black tin case thermometer, black lithographed scale, red permacolor tubes, each, 30c; doz., $2.50; 3 doz., $7.00.

Tin Case. Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, $1.00; 3 for $2.75; doz., $10.00.

Cabinet. Wood case; metal face. 8-in., cabinet thermometer, black metal scale, wood back, easy reading red permacolor tubes; each, 50c; 3 for $1.25.

Self Registering Tycos. No. 5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, $6.50. Three for $18.00.

Self Registering. No. 5454, complete with magnet for setting. Each, $4.25. Three for $12.00.



Self Registering No. 40

Minimum. For registering cold during absence and showing present temperature. 10 in., guaranteed accurate, each, $2.75.

Hotbed (Mushrooms). Brass point, wood frame. 18 in. Hotbed or soil thermometer, guaranteed accurate, each, $3 00

No. 40. Greenhouse. White porcelain steel frame enameled. Black scale and figures, range 60 to 120 degrees, nonfading red spirit magnifying lens tube. Each, 50c; doz., $4.50.

SPECIAL THERMOMETER

6-inch White Thermometer registers from 40 below to 120 above; easy reading non-fading red spirit tube. Each, 30c; doz., $2.75; three doz., $7.50.

PRACTICAL 24-HOUR RECORDING INSTRUMENT

Accurate, reliable automatic records at very low cost. A guarantee card goes with every instrument. Gives complete protection for greenhouses, refrigerators, etc.

Three models for various temperature ranges.

Model A36, measures from 30° to 60° F.

Model B105, measures from 10o to 50° F.

Model B410, measures from 40° to 100° F.

Price all models, each, $18.00.

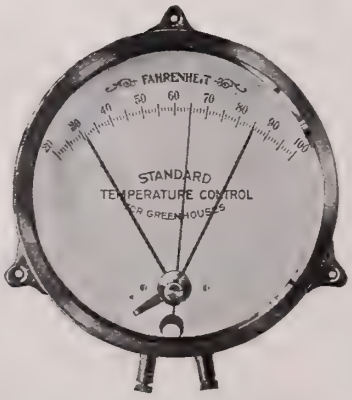
Write for descriptive pamphlet.

Charts, 100 for $1.50.

Ink, special non-clogging, per bottle, 25c.

Standard Recording Thermometer No. 200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, $35.00.

Standard Greenhouse Thermostat. No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, $15.00. Shipping weight, 4 lbs.



Standard Greenhouse Thermostat. No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, $10 Shipping weight, 2 lbs.

Prices do not include wire, batteries or bell.

SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from ⅛ to ½ inch. Each, $1.60. Three for $4.50.

Jardiers and Vases

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinieres. Save time and labor over other methods of trim.

JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery — Stucco Effect

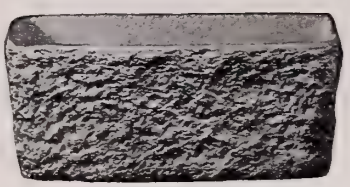
Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4	5¼ in.	100	$ 8.00
No. 5	6¼ in.	80	10.00
No. 6	7¼ in.	50	13.00
No. 7	8¼ in.	35	20.00

(EXAMPLE: Use No. 6 Jardier for a 6-in. Pot.)

JARDIER BULB BOX

No. 3 (or 3 in 1)—Curved construction makes possible a perfect fit for three 3-inch clay pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4½ inches high. $20.00 per 100, packed 50 per carton.

THE JARDIER BULB BOX


No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-aerating—same as Jardier Vases—stimulating plant growth.

No. 4—12 in. long—5 in. wide—4½ in. deep. $20.00 per 100—50 per carton.

Standard Color—Green **Special Color**—White with Gold Trim.

JARDIER VASES

Standard Colors—Green—Lavender—With Duo-Tone Finish.

Colonial

THE COLONIAL

Standard Colors—Green with Duo-Tone Finish.
Special Colors—White with Gold Trim.

9 in. high, 3 in. in diameter, $12.00 per 100; 60 per carton.

12 in. high, 4 in. in diameter, $20.00 per 100; 32 per carton.

15 in. high, 6 in. in diameter, $35.00 per 100; 13 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for short stemmed flowers.

Green Tin Vase

VASE. Green Earthenware Cemetery. A strong and ornamental vase that keeps its color. Retails at 50c. Each, 35c; per dozen, $3.00; 3 dozen for $8.50.

Tin Painted Green, with spike. Each, 15c; doz., $1.35; 3 doz. for $3.60.

Green Earthenware Vase

SUCTION FLOWER HOLDERS

Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.

3-inch diameter..... Per doz., $3.00
4-inch diameter..... Per doz., 4.00
5-inch diameter..... Per doz., 5.00

Hotbed Supplies

SASH, Hotbed. Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, $2.25; 3 for $6.50; doz., $24.00. Glazed, double strength, each, $4.75; doz., $52.80.

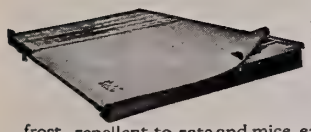
Our sashes are made of clear air-dried cypress. Unglazed sashes are not painted. Glazed sashes are painted one coat.

40c crating charge when less than four glazed sashes are ordered.

Write for prices and samples on paraseptic and parachrys shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.

CEL-O-GLASS. Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, $8.50; 100-ft. roll, $32.40. 28 inches wide, 100-ft. roll, $24.75.

WINDOW FABRIC. Vio-Ray. The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 22c.



MILO WATERPROOF HOTBED MATS. A combination of heavyweight burlap, felt and absorbent pulp, cemented together with a specially prepared waterproof compound, absolutely impervious to rain, sleet and snow, proof against frost, repellent to rats and mice, easy to handle, wears for years. Size 40x78 inches, each, $2.25; doz., $22.50. Size 76x76 in., each, $4.00; doz., $42.00.

CONTINUOUS LENGTHS of Milo Waterproof Hotbed Matting. 40-inch width, per ft., 33c; 78-inch width, per ft., 65c.

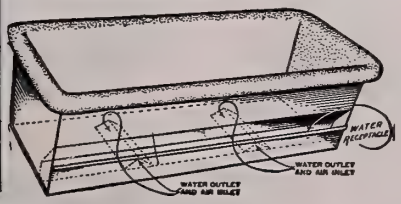
GLASS WOOL. Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 100 sq. ft. to a carton, two rolls 20 ft. long by 30 in. wide; is easy to handle and apply. Per carton, $3.00; one roll only, $1.75. Weight per carton, 35 lbs.

Write us for prices on Hotbed Heating Cable and Thermostats.

ELECTRO STATIC LAMP

The Light that Kills (Ignis Mortis)

Rid your home, garden and greenhouse of insect pests by installing one or more Electro Static lamps, which will exterminate by electrocution all insects attracted to it by the light at night and bait in daytime. Harmless to domestic animals. Price, $12.95.



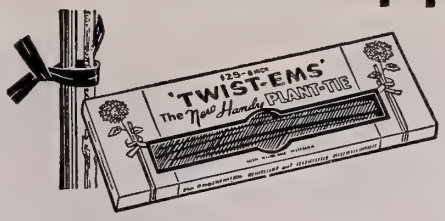
Success Self-Watering Flower Boxes

SUCCESS SELF-WATERING FLOWER BOXES. Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight. Outside dimensions of Window Boxes, Model A:

Length	Width	Depth	Price
24 inch	8½ inch	6¼ inch	$1.25
30 inch	8½ inch	6¼ inch	1.50
36 inch	8½ inch	6¼ inch	2.15
42 inch	8½ inch	6¼ inch	2.65

Packed six in a crate 10% discount on crate lots.

Plant Supports



TWIST-EMS

New handy plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot come unfastened. Tape protects stem against injury. Price: 4-inch, per 1000, 75c; 5000 lots at 60c per 1000; 25,000 lots 58c per 1000 6-inch, per 1000, $1.00; 5000 lots at 85c per 1000; 25,000 lots at 82c per 1000. 8-inch, per 1000, $1.10; 5000 lots, $1.05 per 1000; 25,000 lots $1.00 per 1000. 16-inch, per 1000, $2.25; 5000 lots at $2.00 per 1000; 25,000 lots at $1.95 per 1000.

Freight Prepaid in lots of 25,000 or over.

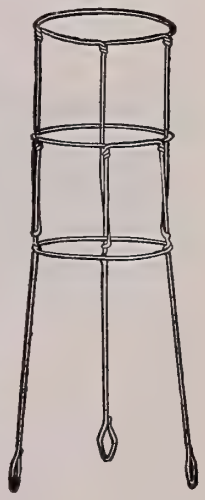
Retail pkgs. consisting of 12 pkgs. of 4-inch and 12 pkgs. of 8-inch ties in attractive display carton. Price $4.00; retails for $6.00.

MODEL EXTENSION CARNATION SUPPORTS

Bases or bottom circle made of No. 12 galvanized wire, top circle of No. 13 galvanized wire; diameter of top circle 6¾ inches, bottom circle 7½ inches; total height of support, extended, 24 inches; shipping weight, two-ring supports, approximately 360 pounds per thousand; three-ring supports, approximately 410 pounds per thousand.

Price, 2-ring supports, $7.25 per 100; $65.00 per 1,000. 3-ring supports, $8.25 per 100; $70.00 per 1,000.

Write for price in large quantities.



PEONY SUPPORTS. Made of heavy galvanized wire. Height about 42 inches, width about 13 inches. Can also be used for supporting Tomatoes, Dahlias, etc. Per doz., $2.95; in 3 doz. lots, doz., $2.85.

REEDS AND RAFFIA

REEDS. Extra White, prime quality.

	Per lb.	5 lbs. Per lb.		Per lb.	5 lbs. Per lb.
No. 1	$0.70	$0.65	No. 5	$0.50	$0.45
No. 2	.65	.60	No. 6	.45	.40
No. 3	.60	.55	No. 7	.45	.40
No. 4	.55	.50	⅜-inch Flat	.60	.55

RAFFIA. Natural, Best Grade, F. O. B. Chicago. Lb., 48c; 5-lb. lots, per lb., 45c; 10-lb. lots, per lb., 43c; 25-lb. lots, 40c; 100 lbs., per lb., 38c. Bale lots (about 225 lbs.), per 100 lbs., $36.00.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 80c; 5 lbs. at 75c; 10 lbs. at 70c; 25 lbs. at 65c. Samples on application.

Above prices subject to change without notice.

SAXOLIN DUPLEX CRINKLED TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 45c; 5 rolls for $2.00; 10 rolls for $3.85; 25 to 49 rolls at 33c roll; 50 rolls or more at 32c roll.

EEZY WEAR GARDEN GLOVES

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—for men: "Medium" and "Large." Price, 75c a pair; doz. pair, $6.60

Stakes, Pots and Tubs

PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price: If shipped from Chicago, per 100, $1.10; 500 for $4.75; per 1000, $8.50. If shipped from New York, per 100, $1.50; 500 for $6.00; per 1,000, $10.50. Special price on larger lots on application.

Japanese Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago Per 100	Per 1000	Per Bale of 2000	F. O. B. New York Per 100	Per 1000
1½ feet	$0.45	$2.25	$ 3.50	$0.45	$2.10
2 feet	.65	3.00	4.45	.50	2.60
2½ feet	.75	3.50	5.60	.65	3.15
Natural. 6 ft.	1 50	9.75	....	1.20	8 25
3 feet	1.15	4.25	6.85	.80	3.85
3½ feet	1.25	4.95	8.40	.95	4.65
4 feet	1.30	6.00	9.80	1.10	5.50

Write for price in bale lots.

Pipe Stems, 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for $1.00; 500, $3.25; 1,000, $6.00.

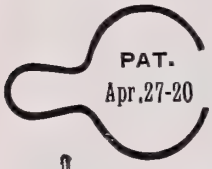
Write for price on green painted light and heavy wood stakes.

Heavy Chinese Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

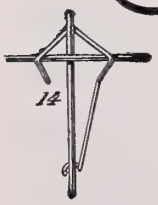
Length	Diameter	F.O.B. New York Per 100	F.O.B. Chicago Per 100
4 ft.	½ to ⅝ inch	$2 90	$3.25
4 ft.	⅝ to ¾ inch	3.65	4.35
5 ft.	⅝ to ¾ inch	3.95	4.45
6 ft.	⅝ to ¾ inch	4.65	4.95
8 ft.	⅝ to ¾ inch	5.45	6.45

Galvanized Steel Wire Stakes. Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes; write us for price on quantities, delivered to your nearest freight depot. **Quantity Discounts:** 2,000 to 5,000, 5%; 6,000 or more, 6% from 1,000 price.

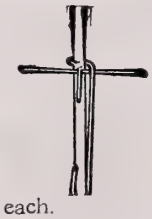
No. of Gauge— No. 9 Wire	Per 100	Per 500	Per 1000	No. 8 Wire Per 100	Per 500	Per 1000
3 ft.	$1.45	$ 6.50	$11.50	$1.75	$ 8.75	$13.40
4 ft.	1.70	7.75	13.90	2.10	9.25	16.50
5 ft.	2.10	9.95	18.00	2.50	11.00	19.75
6 ft.	2.45	11.45	21.50	3.15	13.25	22.90



PLANT TIES Lighting Wire. Per box of 1,000, $2.00; 5 or more boxes, $1.80 per box. Shipping weight per box, 2 lbs.



CLIP, Blake's New Loop Lever. For roses, 'mums, etc., up-to-the-minute stake holders; hold stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price $2.00 per 1,000. 5,000 for $9.50. Samples mailed free.



STAKE FASTENERS. Everlasting, packed 500 to a box, per box, $1.25; 10 boxes or more, $1.10 each.

GRAFTING WAX. Per ¼-lb. bar, 20c; ½-lb. bar, 30c; 1 lb., 50c.

A GOOD VARIETY OF SIZES IN THESE FLOWER VASES.

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Diameter Top	Bot.	Ht.	Price Per Doz.
253	4¾ in.	3½ in.	10 in.	$ 4.40
255	6½ in.	5¼ in.	12 in.	6.00
257	6½ in.	5¼ in.	15 in.	6.60
57	5 in.	3½ in.	5 in.	3.30
59	6½ in.	5½ in.	7 in.	5.00
65	7½ in.	6½ in.	8 in.	5.80
66	9 in.	7½ in.	10 in.	6.90
68	9 in.	7½ in.	12½ in.	8.40
69	9 in.	7½ in.	18 in.	10.50
70	9 in.	7½ in.	24 in.	11.60

Galv. Vase

PLANT BANDS. For growing plants in flats.
Put up in cartons of 1,000.
2-inch per M.....$2.70 3-inch per M.....$3.60

AZALEA POTS, Also Suitable for Boston Ferns

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100
6 inch.....117	$ 6.25	9 inch.....28	$22.95
7 inch.....99	10.35	10 inch.....24	31.50
8 inch.....50	14.75	12 inch.....6	62.00

☞ **Prices on pots subject to change without notice** ☜

IMPROVED NEPONSET PAPER FLOWER POTS.

The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000, F.O.B. New York	Per 1000, F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	$0.50	$ 2.90	$ 3.15	1,000	10 lbs.
2¼	.55	3.00	3.25	1,000	12 lbs.
2½	.60	3.20	3.30	1,000	16 lbs.
3	1.00	3.95	4.20	1,000	24 lbs.
3½	1.10	5.25	5.40	1,000	34 lbs.
4	1.20	6 35	6.60	500	46 lbs.
5	1.85	8 80	9.00	500	74 lbs.
6	2 40	11 50	11.85	500	102 lbs.

FLOWER POTS, Standard Red

F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

	No. of Pots in Crate	Sold in Crate Lots Only		No. of Pots in Crate	
2 in.	1,500	$ 8.75 per 1,000	6 in.	117	$ 6.25 per 100
2½ in.	1,200	11.25 per 1,000	7 in.	99	10.35 per 100
3 in.	800	14.50 per 1,000	8 in.	50	14 75 per 100
4 in.	360	2.60 per 100	9 in.	28	22.95 per 100
5 in.	240	4.50 per 100	10 in.	24	31.50 per 100
			12 in.	6	62.00 per 100

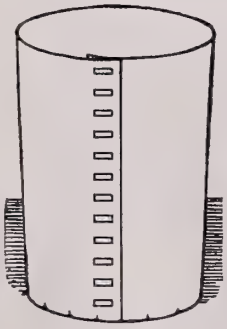
NEPONSET GREEN POTS—For Growing. This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	Quan. per Case	Shipping Wt. per Carton	Price per Carton
2 inch	1,000	14 lbs.	$ 5.45
2¼ inch	1,000	16 lbs.	5.95
2½ inch	1,000	22 lbs.	6.35
3 inch	1,000	28 lbs.	7.50
4 inch	500	26 lbs.	5.35
5 inch	500	44 lbs.	7.60
6 inch	500	62 lbs.	9.90

FLOWER TUBS. **"Richmond Style."** These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.

	Inside Top Diameter	Depth Inside	Price, Each	Four for		Inside Top Diameter	Depth Inside	Price, Each	Four for
No. 1.	7 in.	6 in.	$0.60	$ 2 20	No. 9.	14 in.	13 in.	$1.65	$ 6 20
No. 2.	7 in.	7 in.	.65	2.40	No. 11.	16 in.	15 in.	1.85	7.00
No. 3.	8 in.	8 in.	.70	2.60	No. 13.	18 in.	17 in.	2.75	10.60
No. 5.	10 in.	9 in.	.85	3.20	No. 14.	19 in.	18 in.	3.25	12.40
No. 7.	12 in.	11 in.	1.10	4.20					

In lots of 12 tubs, less 5%. If handles are required, add 35c per tub.


Cloverset Plant Pots

BULB PANS

	Doz.	Per 100
5 inch	$0.85	$4.50
6 inch	1.00	6.25
7 inch	1.80	10.35
8 inch	2.35	14.75
10 inch	4.20	31.50

CLOVERSET PLANT POTS. An improved pot or container made of tough asphalt-coated laminated waterproof fibre stock, closely riveted so that it will stand much handling; made in three sizes, packed 100 to a carton. Prices, F. O. B. Chicago.

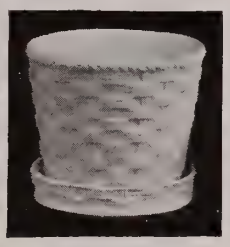
No.	Height	Diam. Top	Weight Per 100	Per 100	Per 1,000	Per 5,000 lots 1,000	Per 10,000 lots 1,000
1	6½ in.	6 in.	52 lbs.	$4.35	$41.00	$35.00	$35.50
2	9½ in.	7 in.	77 lbs.	4.90	46.50	44.00	41.50
3	9 in	8 in.	88 lbs.	5.50	52.50	50.00	47.50

Special Bowl Assortments

These are inexpensive bowls suitable for sale with bulbs which are to be forced indoors. Planted up with pebbles or bulb fibre, and a few bulbs, they sell at sight when about to flower. Such combinations bring a better profit than bowls and bulbs sold alone. Our assortment has been chosen as a result of actual sales experience.

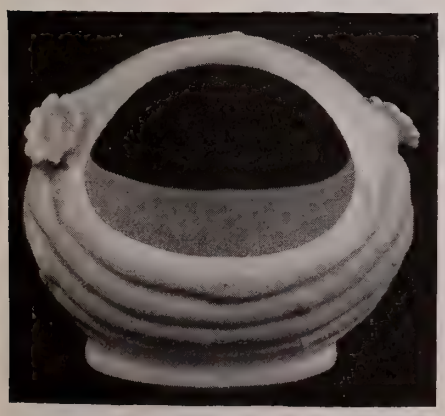
For breakage in transit immediate claim should be filed with the railroad. Not responsible for breakage if shipped via parcel post.

No. 5C164. Earthenware Flower Holder. White glazed finish. Figures of boy and girl in seated position. Size 5½x5¼x5¼ inches. Packed ⅙ dozen in a box. Per dozen $3.00.

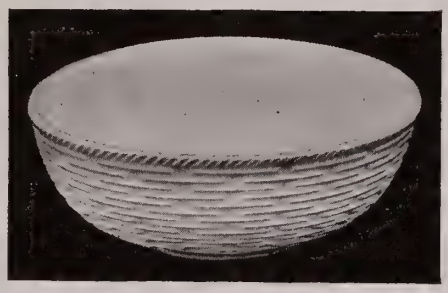


No. 4C657. Earthenware Flower Pot with Saucer Attached. Overall dimensions: Height 3¾ inches. All white, highly glazed, hobnail pattern. Drain in bottom. Doz. $1.80.

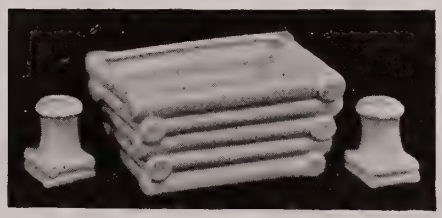
No. 8C217. Earthenware Basket with two dogs finished in colors. Doz. $3.00.



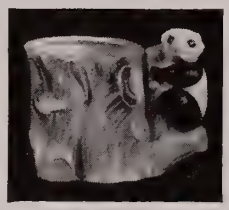
No. 4C130. Basket Flower Holder. Bamboo design. Raised cherry blossoms with leaf decorations. Comes in All-white glazed finish earthenware. Size 6⅛x5⅜ inches. Doz. $4.95.



No. 100. Earthenware Flower and Bulb Bowl, made of white earthenware with high glazed finish. Size 7x2⅝ inches. Per dozen, $1.80.



No. 4C349. 3-Piece Console Set. Centerpiece molded to represent log construction. Harmonizing candlesticks. Made of earthenware and finished in a white glaze. Centerpiece 6½x4¼ inches. Height of candlesticks 2⅛ inches. Each set in carton (Candles not included). Per dozen sets, $3.25 doz.

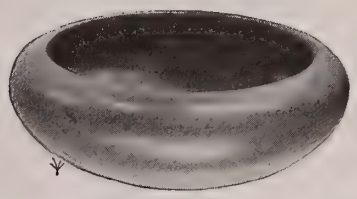


No. 8C156. Ornamental Flower Holder. Figure of black and white panda climbing tree stump which is finished in brown and green. Made of glazed earthenware. Size 4x4¾x3 inches. Doz. $2.65.

No. 8C362. Earthenware Donkey with Bowl. Glazed finish and decorated in harmonizing colors in the Italian style. Size 7x4½x5⅜ inches. Doz. $4.95.

Happiness Vase (Blue) Packed 12 to a corrugated shipping carton, one each in a paper carton. $2.25 per doz., f.o.b. Chicago in lots of 6 doz.; $2.10 per doz. delivered.

HYACINTH GLASSES. In Amber, Green, Ruby and Crystal. $3.00 per doz.; 3 dozen, $8.25.



No. A. Pottery Bulb and Flower Bowl Assortment. This assortment consists of the following: 15—6" bowls, 15—7" bowls and 6—8½" bowls. The assortment retails for about $15.00 and comes in assorted colors of yellow, blue, old rose and green. Price per complete assortment $9.25.

F. L. Style Pottery Bowls, in Blue, Yellow, Old Rose and Green.
6-in. diam., doz., $2.70; 7-in. diam., doz., $3.60; 8½-in. diam., doz., $4.80.

V100. Mottled Marble Finish Bowls. These bowls have a very artistic mottled marble effect and should not be compared with ordinary pottery bowls. 7-inch. Doz., $6.00.

No. 4C138. Novel Gondola Shaped Flower Container. White with green trim glazed earthenware. Ideal for short stemmed flowers or small plants. Size 13x4¾x2¾ inches. Packed each in box. Per dozen, $4.20.

Pearl Chips and Prepared Bulb Fibre

For growing Bulbs in Bowls and Pots.

Bulb Fibre. Prepared for growing Bulbs in bowls at $4.75 per 100 lbs.

Pearl Chips, White, for growing Bulbs in bowls at $2.75 per 100 lbs; 500 lbs., $12.00.

Pearl Chips, Colored, $3.00 per 100 lbs; 500 lbs., $13.75.

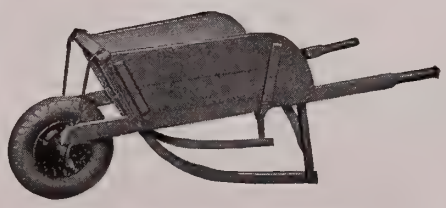
White and Colored Pearl Chips. Packed in small boxes of approximately 1 lb. 36 to a carton. White, price per carton, $2.00; Colored, per carton, $2.25.

White and Colored Polished Whole Shells. Put up in small packages. 36 to a carton. White, per carton, $2.00; Colored, per carton, $2.25.

Write us for prices on larger quantities.

Place orders early to insure getting desired colors.

WHEELBARROWS



Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread of handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, **$9.45.**

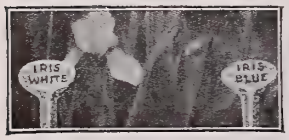
Equipped with a pneumatic wheel as illustrated. Price, **$15.95.**

DELUXE HOME GARDEN OR GOLF COURSE WHEELBARROW

Lightest practical full-sized utility barrow on the market, yet sturdy enough to carry a load of 250 lbs. Size of tray 32x29 inches, capacity 3 cubic feet, weight 35 lbs. Channel steel legs, hardwood handles. Wheel cadmium plated steel disc type, tire 10x2¾ inches, doenut single tube cord. Price, **$7.50**; 3 for **$21.00.**

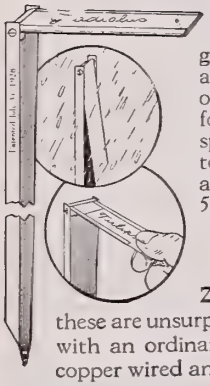
Wheelbarrow Wheels with rubber tire, 4-ply tire and wheel, complete, **$6.95.** Shipping weight, 12 lbs.

Plant Labels



PLANT MARKERS. Oval top; made of heavy galvanized sheeting, 9 in. long, per 100, $3.00.

ROCK GARDEN LABELS. 4-in. galvanized small oval bowl for rock gardens, per 100, $3.00; small bottle black ink for marking the above, each, 35c.



PEERLESS ALL METAL PLANT MARKERS. Non-rusting, made of copper bearing galvanized metal, finished in foliage green; no acid painting or special ink necessary. The ordinary lead pencil is the very best thing to use for writing the names. No hunting for some special stake; merely take the first one you come to and change the card. This is very quickly and easily done. **Quantity Discount:** 200, less 5%; 300 or more, 10%.

	Doz.	25	50	100
12-in.,	$1.20	$1.75	$3.25	$5.95
18-in.,	1.50	2.50	4.35	8.00

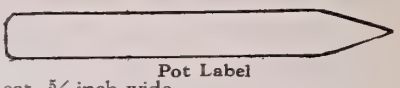
ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3¾ x ¾ inches. Price per 100, $1.50.

COPPER LABELS. Wired, indestructible. Per 100, $1.50; larger size, per 100, $2.15.

EVERLASTING ZINC LABEL. A permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 50c; 500 for $1.95; 1,000 for $3.25; 5,000 for $14.75.

Pot and Garden Labels

LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat, ⅝ inch wide.

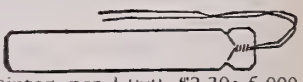


Pot Label

When ordering specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch	1000	$1.55	$1.95
5-inch	1000	1.80	2.20
6-inch	1000	2.00	2.50
8-inch	500	2.50	3.00
10-inch	500	3.00	4.00
12-inch	500	4.00	5.00
GARDEN STAKES			
8-inch— ⅞ inch wide	250	3.95	4.95
10-inch— ⅞ inch wide	250	4.95	5.95
12-inch—1⅛ inch wide	1000	6.95	8.45

LABELS (Tree). Wooden, 3½ in. copper wired. Per 1000, plain, $1.80; 5,000 to 9,000, per 1,000, $1.65; 10,000 or more, per 1,000, $1.55; painted, per 1,000, $2.30; 5,000 to 9,000, per 1,000, $2.20; 10,000 or more, per 1,000, $2.00.



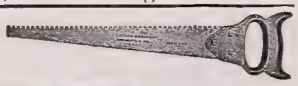
WEATHER-PROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.

GARDEN KING MARKERS. Water-proof and dirt-proof. Garden green color so that it blends right into the foliage; treated with a preservative that protects against decay; undercut groove contains white chemically treated water-proof name card covered by a dirt-proof transparent window. Price, 12-inch, per 100, $2.25; 500 for $9.50; 18-inch, per 100, $2.50; 500 for $11.25.

Pruning Tools

SAWS (Atkins) Double-Edged Pruning.

16-in.. $1.25
18-in.. 1.40
20-in.. 1.50



TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, $2.25; 3 for $6.25.

Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, $2.00; 3 for $5.75.

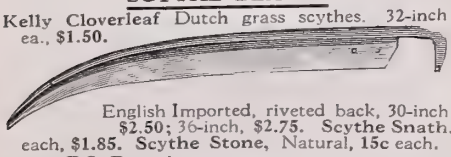
Utility Speed Pruning Saw. Length 26 inches, curved blade. Each, $3.50.

TREE PRUNERS. Waters' 6-ft., $1.85; 8-ft., $2.10; 10-ft., $2.35; 12-ft., $2.60. Extra blades, each, 25c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, $7.00.

SCYTHE BLADES

Kelly Cloverleaf Dutch grass scythes. 32-inch ea., **$1.50.**



English Imported, riveted back, 30-inch **$2.50**; 36-inch, **$2.75. Scythe Snath,** each, **$1.85. Scythe Stone,** Natural, **15c** each.

SHEARS, Pruning. 6-in., $1.50; 9-in., full polished with ratchet, American made, best quality, $1.50. Extra springs, ea., 15c

Henckel Twin Brand Imported Pruning Shears, with ratchet.

7½-inch....Each, $3.95 | 9½-inch....Each, $4.95
8½-inch....Each, 4.35

Henckel. California pattern, with brass spring, $4.50.

Snap Cut Pruner. Full polished. Each, $1.75.

FORESTER PRUNERS

No. 1—20 inches long, designed for the fruit grower. Each, $4.20. Weight, 2 lbs. 10 oz.

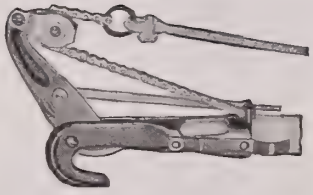
No. 2—27 inches long, has a capacity up to 1½ inch in green wood. Price, $5.25. Weight, 4 lbs., 10 oz.

No. 3—34 inches long, capable of cutting up to its rated capacity in any so-called hardwood such as oak, maple and beech. Weight, 7 lbs. 4 oz. Each, $6.50.

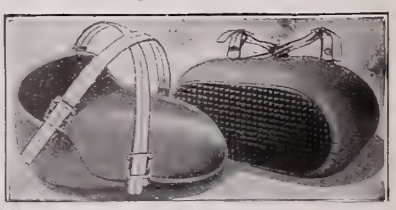
THE PORTER POINTCUT PRUNER

Light in weight, 2½ lbs., 20 inches long. Easy to use in close places. Price, $4.35.

IMPROVED TELEPHONE PRUNER. A strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1½-inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, $2.25. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, $9.50. No. 12 Pruner head only, $5.25. Price complete with head pole and two 6-ft. extension poles, $15.50.

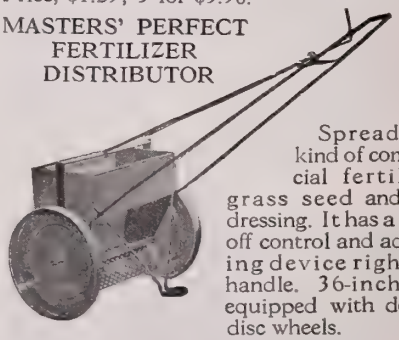


KNEE PADS



All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down during walking Price, $1.25; 3 for $3.50.

MASTERS' PERFECT FERTILIZER DISTRIBUTOR



Spreads any kind of commercial fertilizer, grass seed and top-dressing. It has a shut-off control and adjusting device right on handle. 36-inch size equipped with double disc wheels.

18-inch size.....$ 9.75 | 36-inch size.....$19.45
24-inch size..... 12.95

SPEEDLINE LAWN BRUME

Improved adjustable spring steel flat finger broom rake. Fingers can be adjusted from 11½ to 20-in. spread merely by pushing handle in or out. Light, durable and attractively finished in blue enamel and bronze. Retail at $1.10 each. **Dealers' price, doz., $8.50.**

Vaughan's High Grade Fertilizers

The highest grade only. Guaranteed analysis. Prices net cash and subject to market fluctuations.

Prices for Florists F. O. B. New York.

SUPERPHOSPHATE. 20% bone phosphate in the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. **Price, 25 lbs., 80c; 50 lbs., $1.10; 100 lbs., $2.00; 500 lbs., $8.00; 1,000 lbs., $14.00; 2,000 lbs., $26.00.**

BONE AND BLOOD. For garden crops use 500 lbs. per acre. **Price, 25 lbs., $1.15; 50 lbs., $1.85; 100 lbs., $3.25; 500 lbs., $16.00; 1,000 lbs., $30.00; 2,000 lbs., $58.00.**

BONE, BLOOD AND POTASH (Analysis) 5-8-7

Excellent for mixing into potting soil or as a top dressing. Use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. **25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.25; 1,000 lbs., $23.00; 2,000 lbs., $45.00.**

BONE MEAL—VAUGHAN'S ROSE GROWER

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. It is made from bone accumulated in large slaughter houses. Analysis: Nitrogen 3.7 per cent; total phosphoric acid, 20 per cent. **Price, 5 lbs., 50c; 10 lbs., 95c; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.25; 500 lbs., $15.00; 1,000 lbs., $25.00; 2,000 lbs., $45.00.**

REGULAR BONE MEAL. 25 lbs., $1.10; 50 lbs., $1.80; 100 lbs., $2.85; 500 lbs., $13.00. 1,000 lbs., $23.00; 2,000 lbs., $40.00.

RAW BONE COARSE. **Price, 100 lbs., $3.50; 500 lbs., $16.00, 1000 lbs., $30.00; 2000 lbs., $55.00.**

DRIED BLOOD For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. **Price, 25 lbs., $1.75; 50 lbs., $2.50; 100 lbs., $4.45; 500 lbs., $22.00; 1,000 lbs., $42.50; ton, $83.00.**

FLORANID UREA A highly concentrated organic fertilizer containing 46 per cent available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. **Price, lb. can, 25c; 5 lbs., 90c; 10 lbs., $1.50; 25 lbs., $2.75; 50 lbs. $4.00.**

FAIRWAY GRASS FOOD. Compounded for feeding grasses and for no other purpose; recommended by leading turf specialists for use on lawns, golf courses and parkways. **Price, 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00; per ton delivered, $65.00.**

Write for quantity prices.

LOMA. A well balanced plant food for all plants. Price, 1-lb. pkgs., 24 in case, per case, $1.44; 5-lb. carton, 12 in a case, per case, $3.60; 10-lb. bags, packed, 10 in a jute sack, per sack, $5.70; 25-lb. bags, 4 in a sack, per sack, $4.20; 50-lb. bags, 2 bags to a sack, per sack, $3.54; 100-lb. bags, $2.90 (300 lbs. or over Freight Prepaid). Prices slightly higher in New England States.

HARDWOOD ASHES. (Imported). A fall lawn dressing. Insures a thrifty growth and dark color. **Price, 25 lbs., 90c; 50 lbs., $1.65; 100 lbs., $2.75; 500 lbs., $13.00; 1,000 lbs., $22.00; 2,000 lbs., $42.00.**

SHEEP MANURE WIZARD BRAND. This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. **Price, 25 lbs., 90c; 50 lbs., $1.65; 100 lbs., $2.15; 500 lbs., $11.50; 1,000 lbs., $21.00; 2,000 lbs., $40.00.**

NITRATE OF SODA or Chili Saltpeter Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Use Nitrate of Soda in addition to other fertilizers. If your object is **to grow maximum crops** you must furnish the plant with Nitrogen.

Price (subject to market changes), 25 lbs., $1.40; 50 lbs., $2.10; 100 lbs., $3.00; 1,000 lbs., $28.00. Write for prices on larger quantities.

SCOTCH SOOT. (Genuine Imported). Limited quantity on hand. **Write for prices.**

HYPONEX PLANT FOOD. For growing plants in soil, sand or water. Ideal for starting seeds and cuttings. 1 teaspoon makes a gallon of plant food; 1 lb. makes 100 gallons. **Price, 3 oz., 30c; 1 lb., 67c; 10 lbs., $5.35; 25 lbs., $10.00; 50 lbs., $16.67; 100 lbs., $26.67.**

SHREDDED CATTLE MANURE WIZARD BRAND. An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process, from selected fresh cleanings from cattle pens. **Price, 100 lbs., $2.50; 500 lbs., $13.50; 1,000 lbs., $23.00; 2,000 lbs., $44.00.**

CLAY'S FERTILIZER. It should be used as top dressing. **Price, 7 lbs., $1.25; 14 lbs., $2.00; 28 lbs., $2.85; 56 lbs., $5.00; 112 lbs., $9.25.**

VIGORO. It contains all elements plants need for healthy growth, because it is a complete plant diet. A good seller. **Price, 100-lb. bag, $2.75; 50-lb. bag, $1.70; 25-lb. bag, $1.00; 10-lb. pkg., 6 to a case, $3.36; 5-lb pkg., 14 to a case, $4.06; 1-lb. pkg., 32 to a case, $1.92.**

Kem
TRADE MARK • PATENTS PENDING

Growers report gratifying results with seedlings, cuttings and growing plants on benches and in fields. Damping off reduced 75% by starting seeds in sand; transplantings made in half the time. By promoting strong root growth, Kem causes grass to grow quicker and stronger. Dilutes up to 89 parts water to 1 part Kem. **Price, 12 oz., size retails for 25c: doz., $2.00; quart size, retails for 60c; doz., $4.80; gal., size, retails for $1.25; case of 4 $3.00.**

Write for price on larger containers.

ELECTRA 4-9-3. A great favorite with private estate gardeners and commercial growers. High in organics. **25 lbs., $2.50; 50 lbs., $4.00; 100 lbs., $6.75.**

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

We are not responsible for loss of weight, due to evaporation, of imported fertilizers.

NOTE—Owing to the delays and uncertainties of Imported Fertilizers, we cannot guarantee deliveries, nor can we be held responsible for loss in weight due to evaporation in transit. We deliver in original bags as received. Prices subject to market fluctuations.

Soil Testers

The Sudbury Horticultural Soil Test Kit, $9.75

The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, $9.75.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., $1.50.

The Sudbury Professional Soil Test Kit—Contains enough material for 200 individual tests. Price complete with instructions, 18.50.

The Sudbury Home Gardener's Soil Test Kit, $1.50

This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenskeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

The Sudbury Home Gardener's Soil Kit. Complete with instructions and table of plant needs, $1.50.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., $1.50.

Rubber Hose, Couplers, Nozzles, Etc.

VAUGHAN'S FLORIST GUARANTEED HOSE

These prices are subject to change without notice.

A brand of hose manufactured especially for greenhouse use. Molded hose of highest quality; thick, sturdy hose wall and two braids of heavy cord make it suitable for use by florists. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

Guarantee—We guarantee Florist Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

25 to 49 feet.....per ft., 18½c | 50 to 99 feet.....per ft., 18c | 100 to 400 feet..... per ft., 17½c.
In bales of 500 ft., 17c ft.

CORRUGATED HOSE. High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 ft., 12½c ft.; 100 to 500 ft., 12c ft.

Price ¾ or ½-inch couplings 20c per set; sample mailed free if desired.

SPRAY HOSE. For high pressure spraying. ⅜-in., per ft., 18c; ½-in., per ft., 21c.

HOSE COUPLING, Improved Ever-Tight. No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 45c; doz., $4.80.

Corrugated Brass hose coupling, for ½ or ¾-in. hose. Each, 20c; doz., $1.95. 1-in., each, 40c; doz., $3.75.

MEYER ¾-INCH HOSE COUPLING. Connects the hose instantly by a straight push-on, and disconnects by twisting the ejector on faucet end slightly to the right. Complete coupling, each, 50c; doz., $6.00. Faucet end, each, 20c; doz., $2.40. Hose end, each, 30c; doz., $3.60.

HOSE STRAPS, Caldwell. For ½, ¾ and 1-in. hose. Doz., 35c; gross, $3.25.

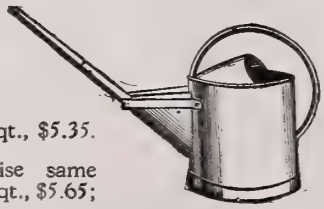
HOSE WASHERS. ¾-inch. Doz., 5c; gross, 45c.

PERFECT CLINCHING HOSE COUPLER. ¾-inch. Per pair, 30c; per doz., $2.60.

PERFECT CLINCHING HOSE MENDER. Each, 12c; doz., $1.00.

WATERING POTS. American. Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., $4.15; 6-qt., $4.50; 8-qt., $4.75; 10-qt., $5.00; 12-qt., $5.35.

French Style. Oval, otherwise same make as above. 6-qt., $5.35; 8-qt., $5.65; 10-qt., $5.95; 12-qt., $6.25.



French Style

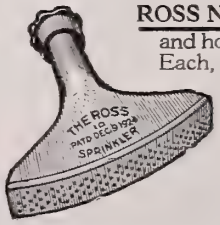
HOSE NOZZLES.

"Chicago"—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each 3¾ inches in diameter, about 100 very fine holes in each, giving both fine and coarse effective sprays. Florists like it. Price, $3.00.

Paradise Syringing Nozzle. 10-inch, each, $2.50; 18-inch, each, $3.00; extra tips, each, 35c.

Boston Rose Spray Nozzle—Brass. ¾-inch hose. State whether coarse or fine spray is wanted. Each, $1.25; by mail, $1.35.

"Justrite Nozzle"—Throwing all variations, from fine spray to stream. Each, 60c; doz., $4.80.

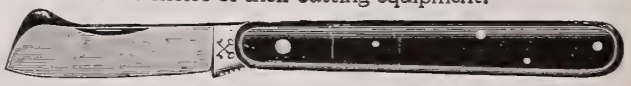


ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, 75c; doz., $7.50.

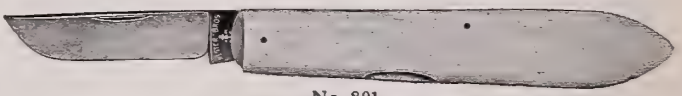
HOSE MENDER, The Cooper. It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no mechanical skill to adjust them. Price: For ½ or ¾-inch hose, each, 10c; 4 for 35c; doz., 80c. 1-inch hose, each, 12c; doz., $1.00.

FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.

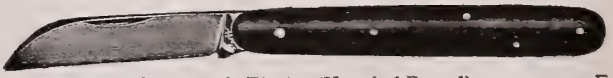


No. 5A	Each	3 for
Budding, No. 5A. Black handle; brass lined.....	$2.00	$5.75
Budding, Beech Wood Handle. Per doz., $4.00.....	.40	1.10



No. 801	Each	3 for
Budding, Aluminum Handle (Imported), No. 801....	$2.00	$5.00

Propagating, No. 1011. Aluminum handle (imported). Each, $2.00; 3 for $5.00.



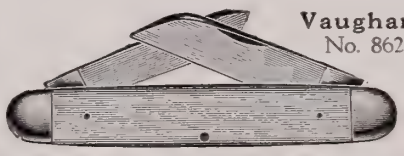
Vaughan's Florist (Henckel Brand)	Each
Vaughan's Florist—3 for $5.75.....	$2.00
Budding Knife—Ivory tip, black handle. Each, $1.75.	
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W. 3 for $6.75.....	2.50
Henckel's Nurseryman's Extra Heavy Pruner, No. 3C...	2.75
Henckel's Pruning, No. 2C.....	2.50

Kunde, No. 30A. For budding, copulation, and vine grafting. Each $2.35; three for $6.75.

Kunde, No. 23. For vine, rose, and tree grafting. Each, $2.35; three for $6.75.

Putty Knife—No. 120, a very good tool; 3 for $1.10...Each, $0.45

Pruning, Stag handle.....Each, 2.00



Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, 85c; doz., $8.50.

White Handle, No. 83023W, silver nickel shackle for chain attach. Each, $1.00; 3, $2.75.

Wreath and Bouquet Materials

SPLIT BAMBOO. **Plant Stakes.** 12-inch: per 1000, $1.30; per bale of 2000, $2.40; 18-inch: per 1000, $1.75; per bale of 2000, $3.30.

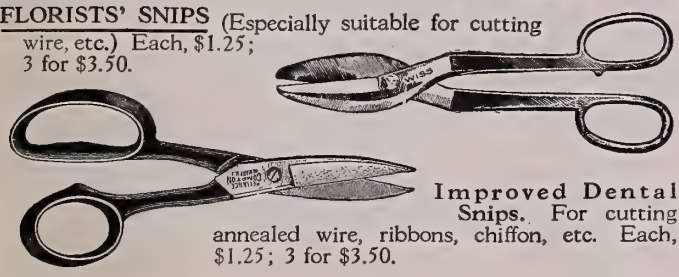
WIRED PICKS.

2½-inch Plain	Box of 10,000	$ 2.50
3 -inch Green	Box of 8,000	3.25
4 -inch Green	Box of 4,500	2.95
6 -inch Green	Box of 3,000	2.50
2½-inch Plain	Case of 50,000	10.95
4 -inch Green	Case of 10,000	5.45

MATCH or HYACINTH STICKS.

Dyed green; 5-inch, 65c; 12-inch, $1.35; carton of 9000, $10.80; 18-inch, $1.80 per 1000; carton of 6000 at $9.90.

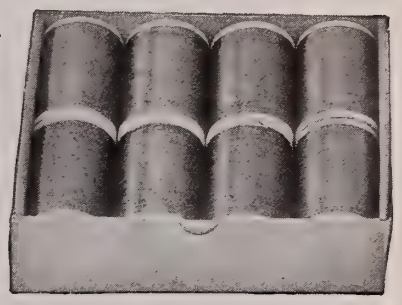
FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, $1.25; 3 for $3.50.



Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, $1.25; 3 for $3.50.

TWINE **"The Queen" White Cotton Twine.** 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, $2.00. Write for prices on larger quantities.

Florists' Thread, Green. Myers' best brand. Similar to Silkaline, 8 spools to a box. Per lb. box, $1.00; 10 boxes at 95c per box.



Green Sea Island Twine. Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, 70c; 5 boxes at 65c per box.

Green Sea Island Twine. 2 lbs., per cone, $1.20; 3 cones for $3.30.

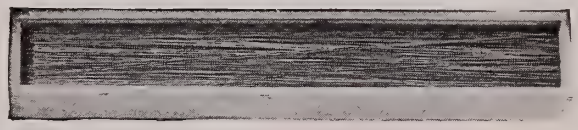
WIRE. (Prices subject to change). **Florist Wire** on 12-lb. coils.

No. 18	$1.30
No. 20	1 50
No. 22	1.60
No. 24	1.85
No. 26	2 00
No. 28	2.35

FLORISTS' CUT WIRE. Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box

No.	18	20	21	22	24	26
Price	$1.35	$1.45	$1.60	$1.70	$2.40	$2.95

GALVANIZED WIRE COILS. Used for stringing benches in Carnation and Rose houses. No. 16, per 12-lb. stone, about 1200 ft., $1.60; 100-lb. coil, $7.75. No. 18, per 12-lb. stone, about 1800 ft., $1.70; 100-lb. coil, $8.25.



FERN PIN. **New Philly.** The bend holds the leaves firmly; easier to handle. Per box, $1.85.

PINS, GREENING. Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc., $1.85 per box of about 10,000.

BULL DOG CLIPS. The clip with the grip. Per box of 1,000 clips, 50c; 10 boxes for $4.50.

Prices Subject to Change Without Notice.

Mushroom Spawn and Profitable Greenhouse Vegetables

NEW CUCUMBER—"The Vaughan"

The Vaughan. (The best American Cucumber.) Darker, thinner, longer and more prolific than the old standards. Pkt., **20c**; oz., **50c**; ¼ lb., **$1.50.**

CUCUMBER—English Frame Variety

Rollison's Telegraph. Greenhouse, English grown. Pkt., **25c**; oz., **$2.00.**

Lettuce

GRAND RAPIDS FORCING. **Vaughan's Selected Stock for Greenhouse Use.** This grand forcing variety is the hardiest of all sorts for greenhouse use and is planted now to the exclusion of almost all other sorts for this purpose.

Vaughan's Extra Selected Stock. Pkt., **10c**; oz., **20c**; 2 oz., **35c**; ¼ lb., **50c**; 1 lb., **$1.75.**

Mushroom Spawn

(NEW SPORE CULTURE)

One brick will plant 10 square feet. **Price,** per brick (weight about 1 lb.), **35c**; 5 bricks, **$1.50**; 10 bricks, **$2.50**; 100 bricks, **$18.00.** Not prepaid.

No. 9. White Alaska. Mammoth Strain. A most popular sort with growers for the market.

Sterilized Bottle-Spawn

Under ideal conditions of temperature and moisture, loose or bottle-spawn will start running sooner and give quicker results than the brick spawn. **Price** per doz. bottles, **$7.50** not prepaid; per bottle **75c**; prepaid within third zone. One bottle covers 35 to 40 square feet.

Radish

Improved Early Scarlet Globe. Vaughan's Selected Stock. The standard red radish for hot-bed and forcing use. An unequaled strain of this most popular sort. Oz., **15c**; ¼ lb., **35c**; 1 lb., **90c**; 10 lbs. or more, **85c** per lb.

Tomatoes for Forcing

★Those starred are resistant to Tomato Wilt

In the Greenhouse each tomato plant should produce at least 18 lbs. of fruit to pay for space occupied. It is therefore important that nothing but those yielding heavy crops should be used. We have selected the best strains possible for production, quality and resistance.

★**Urbana** (pink) for fall forcing.
Resembles Livingstons Globe in type of fruit.

★**Blair** (pink) and Sureset (pink) are very similar in all respects and good producers in spring. Both are globe and resistant.

★**Lloyd** (red) and Long Calyx (red) are quite similar and both heavy yielding, the Lloyd may be a little heavier.

Mich. State, bred to Michigan conditions where there is an excess of cloudy weather yet produces a heavy crop. A red tomato smooth and very productive. Pkt., **25c**; oz., **$1.50.**

Livingstons Globe (pink). Pkt., **25c**; oz., **$1.50.**

Grand Rapids (red). Pkt., **25c**; oz., **$1.50.**

Bonny Best (red).

Globelle (pink). Pkt., **50c**; oz., **$3.50.**

The above all produce heavier than Marglobe, another resistant type All above, except as noted. Pkt., 25c; oz., $1.00.

This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

Bigger Profits In Quality Seed

FANCY GRASSES

All grass seed prices subject to change without notice. Orders will be booked at the lowest price on day received.

KENTUCKY BLUE GRASS. Our blue grass is all recleaned to fancy purities with low weed content and is of high germination.

Fancy. Blue grass is again good quality this year and our seed is from the cream of the crop. Full bags (112 lbs.), $19.50 per 100 lbs.; broken bags, 20½c per lb.; 10 to 25 lbs., 21½c per lb.

Standard. Full bags (112 lbs.), $18.75 per 100 lbs.; broken bags, 19¾c per lb.; 10 to 25 lbs., 20¾c per lb.

Extra Fancy Suncured Seed. Purity 98%. Full bags (112 lbs.), $24.50 per 100 lbs.; broken bags 25½c per lb.; 10 to 25 lbs., 26½c per lb.

RED TOP, Extra Fancy. Recleaned from selected fields. Full bags (100 lbs.), $12.50 per 100 lbs.; broken bags, 13¼c per lb.; 10 to 25 lbs., 14¼c per lb. Bags 28c each extra.

Fancy. Full bags (100 lbs.), $11.00 per 100 lbs.; broken bags, 12c per lb.; 10 to 25 lbs., 13c per lb. Bags 28c each extra.

CLOVER, **White Dutch.** Bags, 28c each extra.

Fancy. $65.00 per 100 lbs.; less than 100 lbs., 66c per lb.; 10 to 25 lbs., 67c per lb.

Choice Grades. $63.00 per 100 lbs.; less than 100 lbs., 64c per lb.; 10 to 25 lbs., 65c per lb.

Mixed with Alsike. $55.00 per 100 lbs.; less than 100 lbs., 56c per lb.; 10 to 25 lbs., 57c per lb.

Put up in packages of 5 lbs. and less, write for prices.

RYE GRASS, **Native Grown.** Full bags (100 lbs.), $6.75 per 100 lbs.; broken bags, 7¾c per lb.; 10 to 25 lbs., 8¾c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), $37.00 per 100 lbs.; broken bags, 38c per lb.; 10 to 25 lbs., 39c per lb.

POA TRIVIALIS (Rough Stalked Meadow Grass). Full bags (107 lbs.), $49.00 per 100 lbs.; broken bags, 50c per lb.; 10 to 25 lbs., 51c per lb.

ASTORIA BENT. Full bags (100 lbs.), $60.00 per 100 lbs.; broken bags, 62c per lb.; 10 to 25 lbs., 65c per lb.

SEASIDE BENT. Full bags (100 lbs.), $60.00 per 100 lbs.; broken bags, 62c per lb.; 10 to 25 lbs., 65c per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's No. 25 Lawn Mixture. 100 lbs., $15.00; 1-lb. cartons (ea., 20c), $17.00 per 100 lbs.; 5-lb. bags (ea., 90c), $16.00 per 100 lbs.; 10 to 25 lbs., 17c per lb. Retails 30c per lb.

"Good Mixed" Lawn Grass Seed. $17.50 per 100 lbs.; less than 25 lbs., 19½c per lb.

Vaughan's No. 40 Lawn Mixture. Intermediate grade. 100 lbs., $20.00; 1-lb. cartons (ea., 25c), per 100 lbs., $22.00; 5-lb. bags (ea., $1.10), per 100 lbs., $21.00; 10 to 25 lbs., 22c per lb.

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retails at 60c per lb.) Price, $40.00 per 100 lbs.; 5-lb. bags (ea., $2.20), per 100 lbs., $41.00; 1-lb. cartons (ea., 45c), per 100 lbs., $42.00. Orders for 10 to 25 lbs., 42c per lb.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

Prices for Chicago Parks Formula

	Per 100 lbs.
½-lb. carton, each, 15c (Retails for 25c) / 1 -lb. carton, each, 30c (Retails for 45c)	$27.00
2 and 3-lb. cartons	26.50
5-lb. cartons or bags (each, $1.45)	26.00
10 and 15-lb. bags	26.00
100, 50 and 25-lb. bags	25.00
300 lb. lots	24.50
500 lb. lots	24.00
1000 lb. lots	23.00

On Larger Lots Ask For Prices

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 20c (Retails for 30c) / 1 -lb. carton, each, 40c (Retails for 55c)	$37.00
2 and 3-lb. cartons	36.50
5-lb. cartons or bags (each, $1.95)	36.00
10 and 15-lb. bags	36.00
100, 50 and 25-lb. bags	35.00
300 lb. lots	34.50
500 lb. lots	34.00

On Larger Lots Ask For Prices

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptional shade mixture and decidedly the best shade mixture on the market. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet.

(Retails at 70c per lb.) Price, $45.00 per 100 lbs.; 5-lb. cartons (ea., $2.45), per 100 lbs., $46.00; 1-lb. cartons (each 50c), per 100 lbs., $47.00. Orders for 10 to 25 lbs., 47c per lb.

Note

We call attention to the fact that we carry a complete line of native and imported grasses, using great care always as to quality in our purchases, and can quote to advantage.

"Your Lawn"

This booklet gives the latest scientific advice on all phases of lawn making. One copy is packed with each carton and bag of the lawn seed mixtures priced on this page.

All grass seed net cash, F. O. B. Chicago and New York and subject to price change without notice.

Most Profitable Christmas Sideline

WAR HAS HELPED SALES OF PERFUMES

With French sources cut off from the American market, thousands of American women are looking for high quality substitutes for luxury items they once bought under expensive foreign names.

That is why hundreds of florists who have been handling Vaughan's True Floral Fragrances in perfume have noticed a substantial pickup in sales. You can try this profitable side line at no cost to yourself other than small transportation charges for a complete display, including testing samples.

In selling this perfume you are tying in with a demand which is logically yours. Your customers find it natural to purchase floral perfumes in a flower shop, and appreciate the savings which our prices allow over even the department stores and drug stores, though the quality of our perfumes is unsurpassed by any line.

You can try this proved sideline without risk by sending for our introductory offer. We give you 90 days to sell what you can, with the privilege of returning unsold stock if you wish.

NEW! Floral Colognes to Match the Perfumes Which Have Sold So Well

Now we can supply floral colognes in the same odors as our perfumes. Many women prefer colognes because they are lighter in odor (1/8th the strength of perfumes).

Retail Prices Including Gift Boxes:

One Ounce	$0.35
Four Ounces	1.00
Half Pint	1.85
Full Pint	3.00

Dealers' Discount 50% From This List.

Odors in Colognes and Perfumes on Reorders

Appleblossom	Hawaiian Lei	Magnolia
Bouquet S	Heather	Nicotiana
Bouquet X	Heliotrope	Parma Violet
Carnation	Hyacinth	Red Rose
Forest Breeze	Jasmine	Sandalwood
Frangipani	Lavender	Sweet Pea
Freesia	Lemon Verbena	Violet
Gardenia	Lilac	White Rose
Geranium	Lily of the Valley	Wild Rose

Refills: One Dram Bottles, $3.00 Per Dozen, F. O. B. Chicago.

Cologne: One Ounce Bottles, $1.10 Per Dozen, F. O. B. Chicago.

This display cabinet, in violet crinkle finish with chromium trim and gold lettering, occupies counter space of 13 x 4½ inches and is 16½ inches tall. It holds your entire stock of 48 gold capped bottles, keeping them safe while allowing unobstructed inspection. Loaned with deal below.

OUR INTRODUCTORY DEAL

with Guaranteed Sale on 90 Day Terms, for $12

If within 90 days you are disappointed in sales, you may return Displays and unsold bottles for credit to your account.

HERE IS WHAT YOU GET FOR $12.00

This assortment includes everything you need to go into the perfume business — all display material, testing samples, direct mail folders, etc.

48 one dram bottles of perfume (12 Lilac, 12 Carnation, 6 Bouquet S, 6 Wild Rose, 6 Parma Violet, 6 Sweet Pea).—Retail Value, at 50c per dram $24.00

FREE DEMONSTRATION

6 testing samples (one each odor), retail value, $3.00.
Display Cabinet as illustrated, loaned to you.
Display Cards.
Consumers' folders for mailing.

Total Sale Value	$24.00
Price to You	12.00
YOUR PROFIT	$12.00

REFILLS: One-dram perfumes, $3 per doz. F. O. B. Chicago.

• WAR GARDENS NEXT SPRING WILL INCREASE SALES •

Sign This and Mail It Now!

To Get Vaughan's Seeds, Without Expense or Investment.

Please give references for the benefit of our credit department unless you have a rating or already have an account with us. This will save time.

☐ Flower and Vegetable Floor Rack. ☐ Flower Seeds Only.

VAUGHAN'S SEED STORE _____ 19____
Commission Box Department
601 W. Jackson Blvd., Chicago, Ill.

Please forward, in due season, one assortment of garden and flower seeds for me to sell on commission for the season of 1941. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay, upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seeds actually sold, less 40% commission, is to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.

Your Firm Name _____

Your Address _____

TRADE REFERENCES: Sign here _____

OUR packet seeds are supplied on consignment on the usual terms, but with unusual display material and a unique method of direct delivery to you by parcel post. An assortment of flower seeds, or both flower and vegetable seeds as you choose, is sent you on consignment, to be sold at 40% commission. All flower seeds are 10 cents or more; some vegetables 5 cents, most 10 cents. Each rack is dated and bears a seed analyst's certificate of the purity and freshness of its seeds. At the end of the season you return the unsold packets in a bag supplied by us, and destroy the rack. You are credited with the returns and billed for the seeds sold, less 40%.

Brilliant New Floor Display Racks

We continue for 1941 our floor display which was so popular and effective the past season.

The illustration shows how it holds each variety of your seed assortment where the customer can see it. Against the black background the vivid colors of the seed packets stand out like a veritable flower garden, catching the eye of everyone who comes near it and inviting further inspection.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold $100 worth of packets retail value.

Our New Packets. All flower seed packets of 1941 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower seed or vegetable seed packets or both.

Brilliantly Colored Posters and Streamers. Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

OUR NEW FLOOR RACK, DISPLAYING ENTIRE SEED STOCK IN MINIMUM SPACE

VAUGHAN'S SEED STORE

47-49 Barclay Street, NEW YORK **601 West Jackson Blvd., CHICAGO**

NAME..... Date.....19——
Write very plainly

Post Office..... State.....

Street, P. O. Box
or Rural Delivery.....

Express or Freight Office {If different from P. O.} ..... Forward Goods by.....
(Parcel Post, Express, Freight or Boat)

(SEND NO CASH OR CURRENCY UNLESS REGISTERED)

Make Money Orders or Checks Payable to Vaughan's Seed Store

AMOUNT ENCLOSED

Money Order $.....
Draft or Check $.....
Postage Stamps$.....
Cash - - - $.....

Table of PARCEL POST RATES to different zones, on other side.

Your local postmaster will tell you in which zone you reside as regards NEW YORK or CHICAGO.

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

Vaughan's Seed Store, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

QUANTITY Do not Abbreviate	NAME OF ARTICLE	SIZE	PRICE Dols.	PRICE Cts.
	CASH DISCOUNTS ON ORDERS FROM THIS CATALOGUE Special Cash Discount is allowed on FLOWER SEEDS as follows: On all orders for flower seeds totaling less than $25.00, 5%, and over $25.00, 8%. On all other items a cash discount of 2% is allowed, except on net cash supplies. Discounts as herein specified may be deducted from remittance if cash is enclosed with order.			
	☞ In making your order, please give the sizes and prices to avoid delay and errors.			
	Carried Forward,	lbs.	$	

(OVER)

QUANTITY	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it.	WEIGHT For Parcel Post Only	PRICE Dols.	PRICE Cts.
	Brought Forward			

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions. Effective Oct. 1, 1932.	First pound or fraction	Each additional pound or fraction			
Local—Chicago or New York City	7c.	1c. (2 lbs)	A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.	Total Weight,	
First and Second Zone within 150 miles of either	8c.	1.1c.			
Third Zone within 150 to 300 miles	9c.	2c.		Amount for Postage	
Fourth Zone within 300 to 600 miles	10c.	3.5c.			
Fifth Zone within 600 to 1000 miles	11c.	5.3c.			
Sixth Zone within 1000 to 1400 miles	12c.	7c.		Grand Total,	$
Seventh Zone within 1400 to 1800 miles	14c.	9c.			
Eighth Zone all over 1800 miles	15c.	11c.			

Filled by_____ **Checked by**_____ **Packed by**_____

Shipped by_____ **Style of Package**_____

Date_____ **Book**_____ **Weight**_____

Wreath and Bouquet Materials

Prepared Leaves, Sprays and Mosses

SPRAY OF RUSCUS

RUSCUS, Red and Green. Dyed EEE grade. Fine holiday decorative article, the red having much the appearance of mammoth Salvia blooms. We carry only one grade, and that is the best. Bright scarlet and green. Write for prices.

RUSCUS, Metallic. Finished in rich metallic effects of silver, gold, rose gold, silver red, silver green, silver blue, and silver lavender. 1 lb., 95c; 10 lbs. for $8.95.

STATICE, for Basket and Wreath Work. Natural. 1 lb., 85c; 10 lbs., $7.50. **Colored,** Pink, Yellow, Lavender, Red, and Blue. per lb., $1.45.

GYPSOPHILA (Baby Breath). Pure White Double. Large fluffy bunches. Per bunch, 70c; 10 bunches for $6.50; 25 bunches for $15.00.

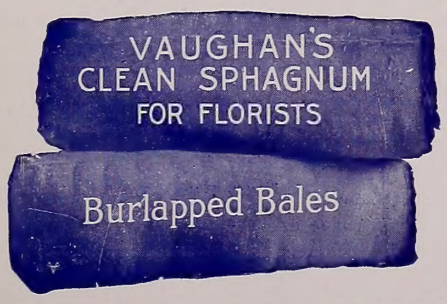
COLORED GYPSOPHILA. Rose Pink, Lavender, Green, Yellow, Blue, Gold and Red. Per bunch, 95c; 5 bunches for $4.50.

Sphagnum Moss

Bright, Clean, New Growth, Free From Brush or Grass. Selected Best Grade.

BURLAPPED BALES. (48x14x16 inches) F.O.B. Wisconsin points, 10-bale lots, per bale, 65c; 25-bale lots, per bale, 60c. Write for prices on moss in large quantities, F. O. B. Woods.

BURLAPPED BALES. (Size as above) F. O. B. Chicago. Single bale, 85c; 10 bales, $8.00; 25 bales $18.75.



Write for prices on larger quantities.

New York prices 35c bale higher. Cartage free.

SHEET MOSS, Extra fancy green, for Windows, Baskets, etc. Per sack, $1.35; 5 sacks for $6.25.

Above prices are subject to change without notice.

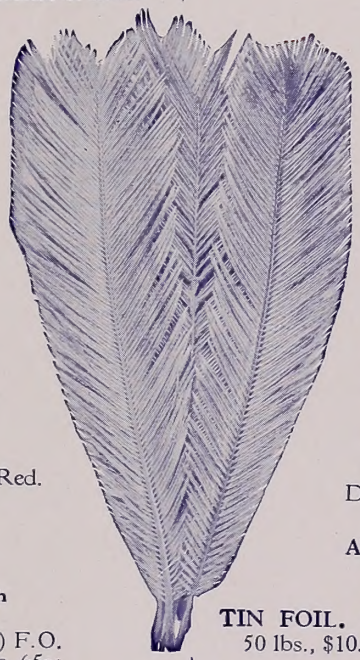
MAGNOLIA. **Bronze, Green, Purple.** Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color, per carton, $1.60; 50 lb. case $10.00; per case of 100 lbs., $18.75. Red, per carton, $1.85.

LYCOPODIUM, Prepared and Green Dyed. 5 lb. carton, $1.25; 10 lb. carton, $1.95; 100 lbs., $16.95.

OAK BRANCHES, Prepared, Brown, Red, and Green.

Prices	Short	Long
5 lbs.	$ 1.35	$ 1.35
25 lbs.	4.95	4.50
50 lbs.	9.50	9.00
100 lbs.	18.00	17.00

Specify color when ordering



CYCAS LEAVES.

Prices subject to change without notice

Length	Pkg. of 10	100
4 to 8 in.	$0.25	$2.00
8 to 12 in.	.30	2.25
12 to 16 in.	.35	2.75
16 to 20 in.	.40	3.45
20 to 24 in.	.45	4.00
24 to 28 in.	.50	4.35
28 to 32 in.	.60	5.50
32 to 36 in.	.80	6.50
36 to 40 in.	.90	7.50
40 to 44 in.	1.00	8.75
44 to 48 in.	1.25	10.00

PREPARED LYCOPODIUM WREATHS. The best selling cemetery wreath for the fall. These wreaths are made of the best prepared evergreen and the decorated are beautifully adorned with flowers.

Plain	11 in., doz.,	$2.25; 100, $16.00
"	14 in., doz.,	4.00; 100, 29.50
Decorated	11 in., doz.,	2.75; 100, 21.00
"	14 in., doz.,	4.75; 100, 32.00

ADIANTUM FERNS, Prepared, Green. Medium Sprays. Per bunch of 25, $1.50; per 100, $5.25.

TIN FOIL. 5, 6 or 7 inch, 1 lb., 25c; 25 lbs., $5.75; 50 lbs., $10.75.

Violet or Green Foil. Per lb., 35c; 10 lbs., $3.40; 25 lbs., $8.25.

Aluminum Foil. 6 in. wide. Plain Silver, 1 lb. Rolls each, $1.45; 5 or more rolls each, $1.35.

Prices on Tin Foil subject to change without notice.

IMMORTELLES, Colored. White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch 65c; doz., $6.60.

Natural (Yellow), bunch, 60c; doz., $6.60.

Write us for prices in case lots.

Petunia

Dwarf California Giants

VAUGHAN'S BLEND

½ trade packet, 75c; trade packet, $1.25; 1/64 oz., $2.25; 1/32 oz., $4.00; ⅛ oz., $10.00.